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OF THE

PROVINCE OF ONTARIO

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ONTARIO MUNICIPAL BOARD

ONTARIO TRAINING SCHOOLS

HYDRO-ELECTRIC POWER COMMISSION

SEVENTY-NINTH ANNUAL REPORT

OF THE

HOSPITALS DIVISION
DEPARTMENT OF HEALTH

UPON THE

Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDING MARCH 31st, 1946

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

ONTARIO

TORONTO
Printed and Published by The Printer to the King's Most Excellent Majesty.
1947

TO THE HONOURABLE RAY LAWSON, O.B.E.,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Seventy-ninth Annual Report of the Hospitals Division, Department of Health, relating to the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients, for the year ending March 31, 1946.

Respectfully submitted,
RUSSELL T. KELLEY
Minister of Health.

THE HONOURABLE RUSSELL T. KELLEY,
Minister, Department of Health,
Parliament Buildings,
Toronto, Ontario.

Sir:

I have the honour to submit for your approval the Seventy-ninth Annual Report of the Hospitals Division, Department of Health, relating to the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients, for the year ending March 31, 1946.

Respectfully submitted,
J. T. PHAIR, M.B., D.P.H.,
Deputy Minister of Health.

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ONTARIO HOSPITAL, BROCKVILLE

C. E. HANNA, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

Total patient admissions—including first admissions, re-admissions and transfers received during the year was 211, while patient separations during the year—including discharged, deceased and transferred to other hospitals—was 244. Total patients in residence at the beginning of the year was 1147, while at the end of the year this had been reduced to 1094. This reduction in residence population is largely accounted for through the transfer of some fifty female patients to the Ontario Hospital, St. Thomas. Our patients in Boarding Homes have been increased from thirty at the beginning of the year to thirty-eight at the end of the fiscal year.

The resumption of full staff on our male service has made it possible once more to give full and adequate attention to occupational and recreational facilities on this service. Softball, football, volleyball, tennis and bowling are some of the diversions now available to those of more active types, while graduated calisthenics are now being conducted under the supervision of a competent instructor, for those requiring closer supervision and attention, while large walking parties are daily routine whenever weather permits.

On the female service, however, we are still handicapped by serious staff shortages, especially of trained nurses. Our one occupational therapist, however, has been doing yeoman service in an effort to give occupational therapy throughout the female service. Regular classes in this department have been conducted throughout the year as well as personal attention to ward projects among female patients.

The Canteen Board has been very generous in directing funds to the maintenance of patients welfare throughout the hospital. Through such facilities, our several pianos have been reconditioned and tuned, the various pool and billiard tables have been repaired, and recovered, and some new cues and balls purchased. New volleyball and tennis equipment have been supplied and a considerable donation made towards the cost of a new lighting system to be installed at the Bowling Greens. Ward radios have been kept in a state of repair and a new loud-speaker and phonograph turntable appliance supplied for the skating rink. Over one hundred books of recent edition have been supplied to our Library. Indeed, we have come to consider the Canteen Board and its generosity as indispensable to general social welfare at this institution.

We have continued throughout the year to use electro-shock therapy in all suitable types of mental disease and it has proved more effective in results and much more gratifying in every respect than the older forms of shock treatment.

I cannot end this report without paying deserving tribute to the loyalty and faithful service of those employees in all departments who have carried on so devotedly during the war years. Too great credit cannot be bestowed on the few Graduate Nurses, many of whom had come out of retirement to resume temporary duty as a war service, often at the expense of disorganized domestic arrangements and great sacrifice. They have been required to take on double duties and responsibilities and have carried on without murmur or complaint in order that we might maintain a working organization.

We have also been delighted with the type of men who have returned from the war, particularly former employees. This transfusion has brought new life to the hospital in a quality of orderly discipline and physical alertness that is indeed an outstanding example of good citizenship.

STAFF, ADMINISTRATION AND BUILDINGS:

The gradual return of members of our staff from leave-of-absence with the Armed Forces has served to restore the male service to a semblance of its pre-war status. Unfortunately, this happy situation does not apply to the female service, where the acute shortage of nurses is seriously affecting the efficiency and organization for the care of female patients.

Many senior staff changes have taken place during the fiscal year. Dr. J. H. Kreiner, previously on the staff of the Ontario Hospital, Hamilton, was appointed as Assistant Superintendent on August 10, 1945, on his return from active service. Dr. M. O. L. Barrie was transferred to the Ontario Hospital, Hamilton, September 1, 1945. Dr. McLean Houze, on leave-of-absence with the R.C.A.F. since February 3, 1941, returned to our staff as Clinical Director on the Male Service, October 15, 1945. Dr. H. F. Frank, formerly on the staff of the Ontario Hospital, Langstaff, was appointed as Clinical Director on the Female Service on December 1, 1945, on his return from active service. Dr. Margaret Rendall, Director of our Mental Health Clinic, resigned to be married January 10, 1946. Dr. A. G. Allen was transferred to the Ontario Hospital, Woodstock, March 15, 1946. Dr. Isabella Ralph terminated her wartime service at this hospital to resume private practice March 31, 1946. Dr. W. C. McLachlan, Dental Surgeon, resigned as full-time dentist April 30, 1945, continuing as part-time dentist until March 4, 1946.

Dr. R. M. Billings on his return from leave-of-absence with the Armed Forces was transferred to the Ontario Hospital, Kingston, as Director of the Mental Health Clinic. Dr. D. G. McKerracher, who has been on leave-of-absence with the Armed Forces, on his discharge was transferred to the Toronto Psychiatric Hospital, December 28, 1945. Dr. H. C. Moorhouse, on return from service with the R.C.A.F. was transferred to the Ontario Hospital, Whitby, October 29, 1945.

Our Mental Health Clinic has been without the services of a Social Worker since September 26, 1942, when Miss P. Parisien left to enlist for Overseas service and since the resignation of Dr. Rendall, has been without the services of a regular psychiatrist.

The Mental Health Clinic staff have continued to give efficient service throughout the Eastern District of Ontario, regardless of these staff deficiencies. Courses of lectures in Psychiatry and Mental Hygiene have been given to Nurses at the Ottawa Civic and Ottawa General Hospitals, as well as to the General Hospital and St. Vincent de Paul Hospital at Brockville. They have also given talks on Mental Health subjects to various women's organizations throughout the district and a talk on the problem of Post-War Venereal Disease was given to the Kiwanis Club of Brockville by the Superintendent.

Mrs. Lillian L. Gilpin, Nurse-Instructress, resigned August 31, 1945, and was replaced by Miss Margaret N. Moriarity. Miss Rhea B. Sheffield, Assistant Superintendent of Nurses, resigned to be married on October 1, 1945, and was replaced by Mrs. Evelyn I. Stangeby. Miss Rheta D. Farrow, Occupational Therapist, resigned to be married on April 15, 1945, and she has been replaced by Miss Nora Mansfield.

Although every effort has been made to keep up appearances, ordinary maintenance has been somewhat adversely affected and nowhere has this been more apparent than in respect to painting and decorating projects. However, we are glad to be able to report that during the winter months, owing to a freer supply of painter's materials, an accelerated program has been instituted which is rapidly overtaking this wartime neglect.

ONTARIO HOSPITAL, COBOURG

DR. G. W. KELLS, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

Twenty-three patients were admitted during the year. Forty-two were transferred here from other Ontario Hospitals. Three patients were transferred to other Ontario Hospitals. One hundred and fifty-five were allowed out on probation and one hundred and thirty-one were returned. Two were placed in Colony House, and three returned. Eight patients died.

Religious Services were held in the Auditorium every Sunday during the year, by the Protestant and Roman Catholic Clergy of Cobourg. Some members of the Clergy conducted services during the week at the Hospital, and some of our girls attended services in Cobourg Churches, under special arrangement.

Moving pictures were presented each week during the winter months, and during the remainder of the year a group of about 50 girls were allowed to attend picture shows in Cobourg Saturday afternoons.

The annual Hallowe'en party was held in the Auditorium. A Field Day was held on the 15th September and was a great success. A concert was held during Christmas week and a Christmas Tree on December 23rd. A concert was given for St. Patrick's Day by a group of local amateurs, in the Auditorium.

The Mental Health Clinic, which functioned by appointment, examined 161 patients during this fiscal year.

STAFF, ADMINISTRATION AND BUILDINGS:

The work of the Engineer's and Carpenter's Departments, as that of our Painter, has practically all been maintenance. These services have been well maintained.

Mr. Charles Waller, Steward, was superannuated at the end of February, 1946. Mr. Kenneth M. Pack, who was an officer with the Armed Forces Overseas for four years obtained 1939-45 Star and was Mentioned in Despatches—was appointed in January 1946 to replace Mr. Waller, when his official duties were completed.

ONTARIO HOSPITAL, FORT WILLIAM

C. A. CLELAND, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year a total of 86 patients were admitted, 17 were probated, 57 were discharged, and there were 7 deaths. Electro-shock therapy has been used extensively in the hospital, and we believe that this has materially reduced the length of stay of the average patient in hospital. Certain selected female cases, for which we have no mental hospital accommodation, have been treated in the three general hospitals at the Lakehead, and in many cases these people, who otherwise would require admission to an Ontario Hospital in the East, have not had to go to Eastern hospitals. Consultation work for the local physicians has increased, and a great many cases have been seen for the courts, both adult and juvenile. We have now 45 patients at the Port Arthur Unit, and we care for the majority of our aged and infirmed patients there. Regular church services are provided by the Baptist Young People's Group of Fort William, and the Salvation Army with their band has visited the hospital on special occasions.

STAFF, ADMINISTRATION AND BUILDINGS:

There has been no new construction during the year. Only the necessary maintenance work has been carried on by our maintenance staff. Our water supply has again been our chief worry as we have only one good well.

During the year a course of 10 lectures in psychiatry and mental hygiene has been given to under-graduate nurses at McKellar Hospital, Fort William; St. Joseph's Hospital, Port Arthur; and the General Hospital, Port Arthur. Educational talks on mental hygiene have been continued with the Registered Nurses Association, Social Workers Association, and local Service Clubs.

Our farm continues to produce all the green vegetables and roots necessary for our diets, and in addition we shipped a carload of meat to the Eastern hospitals in the fall. Our farm and garden provide occupational therapy facilities for the great majority of our patients.

ONTARIO HOSPITAL, HAMILTON

J. N. SENN, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

I am very glad to report that we feel there has been a very decided improvement in the care and treatment of patients in the hospital, particularly on the male side of the house. Electro-shock treatment is carried out on selected patients both in the newly admitted group and also on the group that are acutely, mentally disturbed. As in the past, consultant service is available in all fields of surgery and medicine. We have been favoured by our Dentist's return from the Armed Forces and the Dental Clinic is again a full-time service. We have been favoured also by the return of practically all of our attendant staff who were on leave of absence to the Armed Forces. Many of these men have received valuable training in the Forces and this, in addition to their previous experience at the hospital, has made them very capable men. In addition, new appointments as attendants are much better quality than previously, as they are all returned personnel, mature men, and are fitting well into the program. We are, however, having extreme difficulty in securing sufficient Registered Nurses and Ward Aides to adequately care for our female patients. All wards throughout the hospital are over-crowded, in spite of the fact that we have transferred rather large groups of patients to other hospitals. You will note that our admission rate is particularly high as we admitted during this year five hundred and ninety-nine patients. Our death rate is also high, this being caused by the high percentage of admissions in the old age bracket and these patients not long surviving after they are admitted to the hospital.

STAFF, ADMINISTRATION AND BUILDINGS:

On September 1st, 1945, Dr. M. O. Barrie was transferred to this hospital from the Ontario Hospital, Brockville, to carry on shock therapy on the male wards and also as an Out-Patients service at the Hamilton General Hospital. Dr. J. D. Atcheson was appointed to our staff on his discharge from the navy, November 12th, 1945. Our Registered Nursing staff, although small in numbers, is to be particularly commended for carrying on in a difficult situation and doing their work extremely well. I would also like to commend our attendant staff throughout. Some of our elderly men have been replaced by returned personnel and the morale on the male side of the house particularly is much higher than in previous years. I would also like to express to the members of the Medical Staff my appreciation of their services during the past year and to congratulate them on their enthusiasm in the care and treatment of patients under their charge.

ONTARIO HOSPITAL, KINGSTON

J. S. STEWART, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

During the past year two electric cabinets have been received for the treatment of paretic patients, and it is no longer necessary to transfer our patients to the Ontario Hospital, Toronto, for treatment. Two staff nurses are being trained, under the supervision of Miss Norah Roberts of the Training School Office, who was formerly with the Fever Therapy Division of the Ontario Hospital, Toronto.

The Mental Health Clinic was reopened under the direction of Dr. R. M. Billings, in February.

I am pleased to state, also, that a Physical Training Instructor has been secured. His work is hampered to a certain extent, however, on account of lack of accommodation for indoor classes.

STAFF, ADMINISTRATION AND BUILDINGS:

During the past year Dr. Gerald E. Wilson has rejoined the Service from military duty, as Assistant Superintendent at this hospital. Dr. Roger M. Billings also returned from military duty and was appointed Director of the Mental Health Clinic. Mrs. Norah Stevens has been appointed as Psychologist.

No nurses who left the hospital for military duty have returned, but the majority of attendants and maintenance staff are back again.

ONTARIO HOSPITAL, LANGSTAFF

W. A. REDDICK, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

During the past year the movement of patients to and from this hospital was not as heavy as in previous years. Last year sixteen patients were admitted by transfer; seventeen were transferred from this hospital; eight were discharged, and two died. The daily average population was 426. At the close of the year six patients were on probation.

Farm operations proceeded in the usual manner and the majority of our patients took part in these operations.

STAFF, ADMINISTRATION AND BUILDINGS:

Nearly all the staff members who enlisted from this hospital have returned to the Service, though a great many have entered other hospitals than Langstaff. We have not had many changes in staff in the past year.

No major building operations were undertaken in the year and the farm and garden operations were favourable.

I wish again to express my thanks to all staff for their loyalty and cooperation and to all Departmental Officials for their helpfulness and interest.

ONTARIO HOSPITAL, LONDON

G. H. STEVENSON, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

There were 379 first admissions, 197 men and 182 women, and 145 readmissions, 67 men and 78 women, during the year, making a total of 524 persons. This is a slight increase over the preceding year. Discharges totalled 151 men and 196 women, making a discharge rate of 66% of the admission rate. Considering the very large number of senile and arteriosclerotic patients received, we feel this result is very creditable.

Deaths during the year totalled 193, 85 men and 108 women, which is the largest number of deaths ever recorded in this hospital in one year. It is accounted for, we believe, by the large number of elderly people admitted and the fact that many of the continued treatment patients had reached the upper decades of life. For the first time in many years, perhaps since the opening of the hospital, discharges and deaths have exceeded admissions.

The Ontario Hospital at St. Thomas was returned to the Department during the year and we transferred 59 women patients to St. Thomas on January 10th, 1946.

There have been no major changes in therapy during the year. The various forms of shock therapy have been applied in every case where it was felt they might be helpful along with our other therapies. Dr. Geoghegan has continued in charge of this division and has rendered admirable service. As the year ends we are planning to remove the shock treatment clinic from Ward 9 in order to have a separate shock ward for men and for women. Duplicate electrotherapy equipment has been received and is being installed.

The Eye, Ear, Nose and Throat clinic which was established the preceding year has functioned excellently throughout the current year and has proven itself a worth-while addition to our diagnostic and therapeutic facilities.

During the year we instituted a new form of group recreational therapy by chartering a bus one day a week to take a group of 50 men or women alternately to Loews Theatre or the Capitol Theatre. The managers of these theatres have granted this privilege without charge, and I should like to take this opportunity of extending our best thanks to them for their kindness. Our usual forms of occupational and recreational therapy within the hospital have been continued, but we feel this new addition is very helpful and much appreciated by the patients who are selected for it.

STAFF, ADMINISTRATION AND BUILDINGS:

This hospital has had its wartime problems to contend with, but in spite of various difficulties, it is a matter of gratification we did not have to materially lower hospital standards. In many ways they were improved, and every patient coming to us has had every effort made on his behalf which we felt might be helpful to him. Our most serious difficulty during the war years was to secure sufficient staff for the wards. This difficulty was minimized by the splendid help we have had from many married women and university students and others who were employed on a full-time or part-time basis. The entire staff worked diligently throughout the war years and contributed to the war effort in many ways, notably in the Victory Bond campaigns, Red Cross blood donors and contributions to war objectives. Ninety-nine members of our staff were in the Armed Services. We regret the loss by death of William Muir, our only fatal casualty. The only other serious casualty was the loss of a leg in Italy by Mr. Jack Graham. Two members of our staff were mentioned in dispatches, Mr. Norman Leckie and Mr. Matthew Devereux. The great majority of those who enlisted have now returned to us. We are grateful for their safe return and proud of their service to their country. On November 17th we had a reunion of as many veterans as were available, which was a very happy function, taking the form of a dinner for the veterans and their wives followed by a dance in the auditorium under the auspices of the Civil Service Association.

The Undergraduate School of Nursing has been continued with very few students, presumably because of wartime employment elsewhere. Our Affiliate Course for General Hospitals has, however, functioned well. Three courses were operated during the year, each of three months' duration. Students are received from the following hospitals: St. Joseph's Hospital, London, Victoria Hospital, London, Memorial Hospital, St. Thomas, Grace Hospital, Windsor, General and Marine Hospital, Owen Sound, Stratford General Hospital, Sarnia General Hospital, Chatham and Woodstock General Hospitals. The Graduation Exercises of the School of Nursing were held in our auditorium on the evening of June 8th, 1945. The guest speaker was Dr. Leola Neal, Ph.D., Assistant Professor of Psychology, and recently appointed Dean of Women at the University of Western Ontario.

Courses of instruction have been given to nurse assistants and other ward staff so far as circumstances would permit.

The offices of the School of Nursing were reorganized during the year and were enlarged by moving the Chief Attendant's office to one of the School of Nursing offices in the Examination Building. This permits the Director of Nursing to have closer contact with the Chief Attendant and his Assistants and permits better nursing supervision of the entire hospital.

There have been few major alterations during the year. Additional offices for physicians have been created by reducing the size of Ward 1 in the Main Building and taking six of the single rooms for additional office space. An attempt has been made to keep all other buildings in a presentable state of repair.

ONTARIO HOSPITAL, NEW TORONTO

T. D. CUMBERLAND, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

There is a great shortage in the nursing staff on the male and female wards at this hospital. Some of the treatment has had to be discontinued, such as continuous baths. It has also been necessary to restrict the walking parties and getting patients out-doors, due to shortage of help. A number of the members of the attendant staff and nurse-attendants are aged and some of them part time, which increases the difficulties brought about by the shortage of staff.

STAFF, ADMINISTRATION AND BUILDINGS:

The staff is depleted. A number of the new employees remain only a short time.

The necessary repairs to buildings have been made during the year and they are in satisfactory condition at the present time.

ONTARIO HOSPITAL, ORILLIA

S. J. W. HORNE, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

There were few major changes at this Institution during the past fiscal year. The average resident population increased to 2269. The increase was partially due to the opening of our Infirmary Wing which was officially occupied on October 15, 1945. There is still a considerable waiting list. There is an increase in applications for children in the younger age groups, particularly those under five years of age.

The training programme continued much as in the former year. We are still lacking class room space. There is a greater number of children attending school, and this applies particularly to the boys and girls in Junior Vocational classes.

The physical health of the patients during the year was good. We have had the smallest percentage of physical ills that we have had in some years. The general morale of our patients was also good.

STAFF, ADMINISTRATION AND BUILDINGS:

We were greatly handicapped by the shortage of staff. Dr. Hamilton, Dr. Kirkpatrick and I constituted the medical staff at this Institution of over 2000 patients for the past three years. We did receive some assistance in that Capt. G. W. Watts was loaned to us from the R.C.A.M.C. from April 1 to December 31. This was a great help to us and his work was much appreciated.

Mr. M. Miller, Mr. M. Ferguson, and Mr. G. Snoddon returned to our staff after several years service with the Armed Forces.

We were handicapped on the female side in that we could not procure graduate nurses or ward aides. The situation on the female side was most acute for the whole year.

As stated in my previous report, I had intended to staff the Infirmary Unit with graduate nurses and ward aides. This was impossible. Consequently, the male side was staffed with attendants, all of whom have recently returned from the Armed Forces, and I wish to compliment them on the excellent work they are doing.

In spite of many difficulties, most important of which was the shortage of help, I feel that the patients of this Institution were well cared for and were most happy during the past fiscal year. This is indicated by their general healthy appearance and excellent morale. I feel that this is largely due to the care and attention given them by every member of the staff, and at this time I wish to express my thanks and appreciation to them for their work.

I would also like to thank the various members of the Department of Health who have given their assistance from time to time.

ONTARIO HOSPITAL, PENETANGUISHENE

C. S. TENNANT, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

Every effort is being made to provide more occupation for patients in both units of this Hospital. The number of patients working outside from the Criminal Insane Building has been increased from 6 to 20.

It is hoped to increase the number of patients in Approved Homes, and to give closer supervision to those in such homes.

In the past four months four patients have been returned to penal institutions to serve the balance of their sentences, and it is hoped by keeping such patients under close observation we will avoid keeping them in Hospital any longer than is absolutely necessary.

STAFF, ADMINISTRATION AND BUILDINGS:

The only item which might be included under renovations and alterations is the construction of a 12-ft. dormitory on the ground floor of "B" Cottage (Male). This dormitory is furnished with its own shower, basins and toilet facilities, and is proving an excellent place for the care of disturbed patients.

Dr. C. A. McClenahan, Medical Superintendent, was superannuated as from December 1, 1945, and was succeeded by Dr. C. S. Tennant, Forensic Psychiatrist to the Department of Health. He will continue to carry on with that work along with his duties as Superintendent.

Dr. N. Khmelevsky, who had been on the staff of the Hospital as Assistant Physician from November, 1944, died suddenly in the early morning of January 1, 1946.

Dr. M. Hertzberg, formerly on the staff of this Hospital for approximately one year, was loaned from the staff of the Ontario Hospital, London, for a period of six weeks following the death of Dr. Khmelevsky.

Dr. E. W. Aeberli, recently discharged from the R.C.A.F. reported for duty, temporarily, on February 6th, 1946.

Mr. R. MacAulay, Chief Supervisor at the Criminal Insane Building, for several years, was superannuated as from February 12, 1946.

We are glad to welcome back from service in the Canadian Forces the following:

Baker, Hugh, M.	R.C.A.M.C.
Garraway, Edwin	R.C.O.C.
Houston, John	R.C.A.F.
Howell, James	R.C.A.F.
Spencer, George	R.C.A.F.

ONTARIO HOSPITAL, ST. THOMAS

D. O. LYNCH, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

While the hospital was officially turned over to the Department ot Health by the Dominion Government on November 1st, 1945, yet it was no, until a week later that patient transfer groups were admitted. On November 6th, 7th, 8th and 9th, fifty female patients were received from each of the Ontario Hospitals at Brockville, Whitby, Toronto and New Toronto. Since then, additional groups of patients from Kingston, Woodstock, Hamilton and London were admitted. At the close of the fiscal year, there were in residence 323 female and 60 male patients, a total of 383.

On March 11th, 1946, the hospital was assigned the Counties of Kent, Elgin and Norfolk, from which we have been admitting both male and female patients. More recently, Essex County was added to our district but, because of shortage of nursing staff, we have only been able to accept male patients, most of whom, come from Windsor. It is hoped, as the nursing situation improves, we will be in a position to admit patients from all counties bordering on the north shore of Lake Erie, this district being originally suggested by the Department.

At this date, pavilions 1, 2, 3 and 4 are occupied and our male admission building has been re-opened. The female admission building and the male infirmary are in readiness for occupancy, the holdup being insufficient trained staff. Pavilions 5 and 6 and the female infirmary are without the necessary furniture but these items will, no doubt, be obtainable during the year.

A new electro-shock machine has been added to our therapeutic equipment and the results, so far obtained, have been very favourable. With further expansion, a second machine will probably be required for use in each of the male and female services.

STAFF, ADMINISTRATION AND BUILDINGS:

Senior staff members were appointed to the hospital, as follows:

Dr. D. O. Lynch, former Superintendent of the Ontario Hospital Woodstock, on discharge from the R.C.A.M.C., assumed duties as Superintendent on November 1st, 1945.

Mr. H. K. Patton, Chief Accountant of the Department of Health at the Parliament Buildings, was appointed Bursar, on October 1st, 1945.

Dr. J. R. McGeoch, Acting Superintendent of the Ontario Hospital Toronto, was appointed Assistant Superintendent on November 22nd, 1945.

Dr. T. A. Sweet, on discharge from the R.C.A.F., assumed his duties as Clinical Specialist on December 15th, 1945.

Dr. O. J. Stewart, on release from the R.C.A.F., assumed her duties a Clinical Director on December 17th, 1945.

Dr. K. M. McGregor, on discharge from the R.C.A.M.C., was appointed, Clinical Director on March 22nd, 1946.

Miss M. L. Soper, R.N., on discharge from the R.C.A.F. was appointed Assistant Superintendent of Nurses on November 1st, 1945.

Mr. E. M. Hill was transferred from the Ontario Hospital, Langstaff and appointed Storekeeper on February 1st, 1946.

Mr. J. McLachlan, Chief Engineer who had been on the Public Works staff throughout the R.C.A.F. occupancy of the hospital, was transferred to the Department of Health on April 1st, 1946, remaining in his official capacity. In January, Mr. McLachlan had the misfortune to have both legs and an arm broken in a highway accident and, at this date, is just getting about the plant in a wheel chair. We trust, before the end of the year, he will have made a complete recovery.

With the re-opening of the hospital, the following consultant staff were appointed:

Consultant in Medicine—Dr. F. S. Brien, Professor of Medicine at the University of Western Ontario.

Consultants in Surgery—Dr. D. S. Carrie and Dr. R. J. Bristow of St. Thomas.

Consultant in Anaesthesia—Dr. E. B. Potts of St. Thomas.

These physicians have been available for duty as required and their services have been extremely valuable.

Our work, to date, has been mainly concerned with the re-organization of the hospital and the building up of staff. While the nursing situation continues to prove serious, yet it has been possible to obtain the services of a large group of Nurse Assistants who, following completion of a short course of instruction (25 lectures), have aided greatly in the work of caring for the mentally ill, and, with further training, should become valuable staff members.

The co-operative spirit shown by all members of the staff has been most helpful and, in conclusion, may I take this opportunity of expressing to you, Sir, and your Departmental associates, my sincere appreciation for advice and assistance during the period of re-organization.

ONTARIO HOSPITAL, TORONTO

S. R. MONTGOMERY, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

With increased staff on the Male Service, the care and treatment of patients has improved.

Electro-shock treatment continues to be a very useful adjunct in the care of certain of the patients and is also very useful in certain cases preparatory to Fever Therapy.

One hundred and eighty-nine male patients and two hundred and twenty female patients were admitted during the year, making a total of four hundred and nine patients. Seventy-eight male and ninety-four female patients were discharged, sixty-one male and sixty-nine female patients died, and one hundred and forty-one patients were transferred to other hospitals.

Forty-four cases of General Paresis were admitted during the year, twenty-five were discharged, and eight died.

The necessity for nursing care has been markedly increased because of the large number of patients in the Old Age group. In residence at the end of the year were as follows:—

60-64 years of age	113
65-69 years of age	108
70 years and over	171

This large group has materially affected the remission rate and has necessitated a great deal of nursing care for them which could have been expended on more active treatment for younger patients.

STAFF, ADMINISTRATION AND BUILDINGS:

In the latter half of the year the painting programme was speeded up so that most of the wards and the general offices have now been covered.

Dr. H. K. Moir was seconded from the R.C.A.M.C. on May 11, 1945, and returned to the Provincial Service on November 9, 1945.

Dr. Jean Dargis, who was seconded from the R.C.A.M.C. on March 12, 1945, returned to service with the Army on January 5, 1946.

Dr. T. O. Byrnes, who had been in the Provincial Service since September 3, 1940, was involved in a street accident while returning to his home and died on September 23, 1945. The whole staff regrets the passing of a valued member of this hospital.

Dr. Martin Fischer was transferred from the Ontario Hospital, New Toronto, on November 8, 1945.

Dr. S. R. Montgomery returned to duty as Superintendent on November 15, 1945, after three years service with the R.C.A.M.C.

Dr. J. R. McGeoch was transferred to the Ontario Hospital, St. Thomas, November 15, 1945, having served as Acting Superintendent during the absence of Dr. Montgomery.

Dr. S. G. Chalk returned to the Service, having served five and a half years with the R.C.A.F. He was transferred from the Ontario Hospital, Kingston, December 1, 1945.

Dr. Ruth M. L. Edwards, who was transferred from the Ontario Hospital, New Toronto, September 14, 1944, returned to her home in Scotland on June 5, 1945.

The course for Nurse Attendants at this hospital continues.

The number of patients in boarding homes was thirty-six at the end of the year. The social service department continues to have great success arranging employment for patients.

ONTARIO HOSPITAL, WHITBY

D. R. FLETCHER, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

The hospital has had one of its busiest years. We have admitted six hundred and thirty-three patients and our discharge rate compared to all admissions, including transfers received, et cetera, and not counting transfers out, was roughly seventy per cent which, when one considers that we admitted an extra large number of patients, is, I think, good. One-third of our deaths had a hospitalization of less than three months. Some, but not all, of these were in the senile group. Twenty-six per cent of all first admissions were sixty-five years of age and over.

Our principal difficulty continues to be the lack of staff on our female wards. We have been unable to get nurses or other intelligent women to fill our ranks and are carrying on as best we may with a very inadequate staff.

Our boarding out group is smaller now than it was a year ago. This is, apparently, due to a variety of causes but largely because it has been our opinion that this group should be a fairly fast moving group. If patients are sufficiently well, they are secured some type of occupation and if they are not and are well enough for non-custodial care, they should be looked after by their municipality and if, with a reasonable period, they do not qualify for either of these groups, they should be returned to hospital for further treatment.

Our ordinary methods of treatment with occupational therapy, psychotherapy and shock have not been neglected. The exigencies of the situation have necessitated grouping and our principal group psychotherapy is given to hundreds of patients of both sexes at one time. This gives a keynote for smaller groups which are looked after by other members of the staff. The occupational therapy staff has dwindled until it is practically non-existent and we have had to substitute a system of group therapy at a vocational level with staff instructors which has, to my mind, worked considerably better at a much less cost. The farm, the garden, the laundry, painting staffs, the cannery, the vocational carpenter shop, the various other trades such as plumbing, the sewing room, the golf course, the tennis course and even the clerical department have all been co-ordinated with this work with success that is indicated by the report herewith presented.

STAFF, ADMINISTRATION AND BUILDINGS:

During the year we have welcomed back most of our staff who have been with the military forces. We have, at the present time, only one still overseas. Without exception, these men have been improved by their period of overseas service and I think that the care of the patients will be better because they have had this widened viewpoint which change and travel gives.

With the increasing numbers of male staff, a good start has been made in brightening up the hospital both inside and out and we hope that with the co-operation of the Department it will soon be back to pre-war standards, thus improving the physical outlook for our patients.

We held a reception for our ex-servicemen and women under the joint auspices of the Canteen Board and Civil Service Association and presented each returned member with a suitable souvenir.

We have added to our staff Squadron Leader H. C. Moorhouse from the Air Force and Captain A. M. Hood from the Army.

Mr. W. Jermyn, who was on our clerical staff for many years, resigned on account of his age.

There have been no changes in our physical equipment during the year but necessary repairs have been kept up.

In conclusion I would again like to pay tribute to those married ladies who have remained with us in our emergency, often at considerable inconvenience to themselves. The emergency continues and they still continue with us. I would also like to show a measure of appreciation to those citizens of the town who took our boarding out patients at considerable financial loss to themselves in order to help us in this great work. We also appreciate the consistent support we have received from the local press and citizens generally which together have made possible the good reputation which the hospital has enjoyed. I would like also to mention the members of the staff generally whose proven loyalty is so often taken for granted and publicly to acknowledge the debt that we have owed to them during these years of stress. I would also express my appreciation to you, Sir, and to the various members of your staff for your consistent co-operation and advice.

ONTARIO HOSPITAL, WOODSTOCK

E. A. CLARK, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

Again this year, a majority of new admissions to the Epilepsy Division present physical or mental handicaps to such a degree as to hold no promise for recovery. Even if seizures are arrested, permanent hospitalization will be demanded. Aside from the problem created by their care, the presence of large numbers of obviously chronic cases cannot fail to produce an adverse psychological effect on new admissions.

The programme of the Tuberculosis Division of the hospital has continued without interruption and arrangements have been completed for emptying and closing the sole remaining observation ward in the entire Hospital Service. This completes a programme started in January, 1944, and is described separately in more detail in "The Report of the Ontario Hospitals Chest Clinic".†

STAFF, ADMINISTRATION AND BUILDINGS:

The conclusion of World War II brought about a rapid improvement as concerns male staff. Many experienced attendants returned to their duties, not a few of whom had served with Medical Units in the Armed Forces.

†Page 22.

This additional experience and training further increased their value to the Hospital.

The female staff situation has shown but little improvement. Graduate Nurses and Occupational Therapists are not available and will not be until such time as students in both professions are graduated. The lack is very seriously felt.

Dr. J. J. Weber returned from Overseas after service with the R.C.A.M.Cs Dr. C. V. Tisdale was transferred to Orillia as Clinical Director and wa. replaced by Dr. A. G. Allen of Brockville. Mrs. Florence Martin, Dietitian, and Mr. J. King, X-ray Technician, were transferred to St. Thomas. Mr. A. L. Tolhurst of the Bursar's staff resigned after returning from military service. Re-joining the staff following discharge from the forces, Mr. Robert Karn becomes Senior Laboratory Technician, Mr. Raymond Baker, Senior X-ray Technician, and Mr. Ross B. Walker will be in charge of the Department of Electro-encephalography.

No new construction was started during the year. Although faced with the problem of securing materials, a steady programme of maintenance was carried on by the artisan staff.

ANNUAL REPORT OF ONTARIO HOSPITALS' CHEST CLINIC

(FISCAL YEAR ENDING MARCH 31st, 1946)

O. V. DENT, M.D., Clinician

The work of this Clinic in the control of tuberculosis among the patients and staff of the Ontario Hospitals has continued according to the plan described in the report of the fiscal year ending March 31st, 1938.

The table,* "Report of Work by Ontario Hospitals' Chest Clinic", accompanying this report, indicates the volume of work carried out during the year, and shows that while certain aspects of it have increased, the amount in general has remained much the same as in previous years.

As in the previous year all mentally ill patients with active tuberculosis have been admitted immediately to Woodstock. While the majority come from other Ontario Hospitals, there are no restrictions or qualifications concerning admission, other than residency in Ontario, and cases are admitted from Sanatoria, General Hospitals, private homes, etc. Annually, from April 1, 1940 to March 31, 1945, the active admissions from Ontario Hospitals have been respectively 137, 99, 90, 79, 73 and 62. This steadily diminishing group showed an increase to 69 cases during the past twelve months due almost certainly to the fact that in one hospital a patient, previously negative on X-ray examination, developed a pneumonia which proved to be tuberculous, and from which he rapidly succumbed. Infection of others in the same ward was inevitable.

In an effort to remove potential sources of infection from Ontario Hospitals, about two years ago a program was begun, by which all patients with Questionably Active or Suspect Tuberculosis, who previously had been cared for on the Chest Observation Wards, were transferred to the Tuberculosis Unit for further investigation. In order to accept these patients, it has been necessary to transfer patients with Minimal Arrested Tuberculosis from the Tuberculosis Unit to other Ontario Hospitals. This program now has been completed except for a male observation ward still remaining at one Ontario Hospital and arrangements are completed for the transfer of the patients from it to the Tuberculosis Unit.

During the past fiscal year, 1,510 staff applicants were examined radiologically. Of these, 5 or 0.33% were considered unsuitable for employment because of Pulmonary Tuberculosis, either Active or Questionably Active, and 304 or 20.13% were accepted with reservations because of abnormal chest x-ray markings, possibly but not necessarily tuberculous in nature. These were accepted for temporary employment only, and would have further investigation within six months of commencing employment. The remaining 1,201 or 79.54% were considered suitable for employment without reservations as far as chest X-ray was concerned.

Three thousand one hundred and thirty-one (3,131) patient admissions were examined radiologically. Of this number, 17 or 0.54% were found to have Active Pulmonary Tuberculosis and were, therefore, recommended for transfer to the Tuberculosis Unit, and 8 or 0.26% were recommended for isolation and further investigation also in the Tuberculosis Unit because of Questionably Active or Suspect Tuberculosis. Also, 35 or 1.11% were recommended for isolation because of pneumonia of unknown etiology (not suspected of tuberculosis) on their routine admission films. In addition, 425 or 13.57% were placed on casual observation because of abnormal chest X-ray markings, possibly but not necessarily tuberculous in nature. The remaining 2,646 or 84.52% had normal films.

The following table indicates the status of tuberculous patients in all Ontario Hospitals as at March 31st, 1946:

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*Table No. 41, page 102.

	Male	Female	Total
Number under treatment (or investigation) in Tuberculosis Unit at Woodstock........	342	262	604
Number under isolation for Active Disease at the various Ontario Hospitals...........	None	None	None
Number under segregation for further investigation at 1 Ontario Hospital for (Questionably Active or Suspect Tuberculosis)	6	0	6

A further sub-division of the patients under treatment in the Tuberculosis Unit is presented in the following table which indicates the present classification with reference to tuberculosis. These figures change frequently as a result of the recheck examinations but the table is of interest in showing an approximation in the tuberculous status of patients in residence. Patients who are classified as having "quiescent" tuberculosis are on part time exercise, and those classified as having "probably arrested" disease are for the most part on full exercise, and depending on their next examination, their classification may be altered; if improved they will be classed as having "arrested" tuberculosis. The "arrested" group have been on exercise for at least 6 months without showing any radiological changes. Patients whose tuberculosis is classified as other than "arrested" and whose mental condition has improved sufficiently are transferred to a Sanatorium for further treatment of their chest disease.

	Active	Suspect and Act. Quest.	Quiesc.	Prob. Arrested	Arrested	Non-Pulmonary	Total
Male......	91	22	50	49	122	8	342
Female....	99	11	47	59	43	3	262
Total......	190	33	97	108	165	11	604

NOTE:—Table G. of the Tuberculosis Unit Annual Report gives information similar to the above and is further subdivided for age groups and extent of disease (see page 120).

In cases of Ontario Hospital employees who develop tuberculosis, this Clinic performs or arranges for re-examinations during their convalescence following discharge from Sanatoria and after their return to duty. The Clinic also performs artificial pneumothorax refills upon such employees who require these treatments and who live within reasonable distance. There is close co-operation between the Division of Tuberculosis Prevention and this Clinic with regard to "post-sanatorium care" of members of Ontario Hospital staff discharged from Sanatoria.

Dr. J. J. Weber who had been on leave to the Armed Forces since the summer of 1941, resumed his duties as Clinician in charge of the Tuberculosis Unit February 15th, 1946. Dr. F. T. Fralick, formerly Travelling Clinician who had been on leave to the Armed Forces did not return to the Ontario Hospital Service. Dr. Lois E. Kent, now Travelling Clinician, has very ably carried out the Annual Surveys and Semi-annual Rechecks at the various Ontario Hospitals.

The continued assistance and co-operation of the Superintendents and Staffs of the various Ontario Hospitals, has been of great help in the completion of this work. Moreover, the members of the Chest Consultant Board, Dr. G. C. Brink, Dr. A. R. Riddell, Dr. K. M. Shorey and other Clinicians in the Division of Tuberculosis Prevention have continued to take a very active interest in this Service and their assistance is deeply appreciated.

ONTARIO HOSPITAL STATISTICS ANNUAL REVIEW

FISCAL YEAR ENDING March 31, 1946

A. H. SELLERS, M.D., D.P.H., Medical Statistician

The object of this Review is to summarize some of the principal facts regarding the mental patient population which are contained in the annual reports of Ontario Hospitals. All of the figures which are presented in the tables included in this Review are contained in or derived from the detailed tables included in the Seventy-ninth Annual Report covering the fiscal year ending March 31, 1946, and in corresponding official reports for earlier years.

Trends in Patient Population

The number of patients under treatment in or under the supervision of Ontario Hospitals, continues to increase. The trend in patient population in residence and on the books from 1932 to 1946 is presented in Table I.

TABLE I

TRENDS IN PATIENT POPULATION—ONTARIO HOSPITALS

1932-1946

Year	In Residence*		On Books†	
	Number	Rate‡	Number	Rate‡
1932	11,052	318	11,498	331
1933	11,578	325	12,236	343
1934	12,068	333	12,883	355
1935**	12,314	335	12,879	351
1936	13,142	356	13,868	376
1937	13,487	363	14,288	385
1938	14,056	377	14,736	395
1939	14,247	380	15,196	405
1940	14,314	379	15,283	405
1941	14,486	383	15,490	409
1942	14,728	389	15,712	415
1943	14,826	388	15,811	413
1944	14,922	377	15,866	401
1945	15,073	376	15,987	397
1946	15,471	382	16,414	405

*Includes patients boarded out from 1934.
†Includes patients in residence and on probation.
‡Per 100,000 population.
**Five-month period.

The number of patients in residence on March 31, 1946, was 15,471. This figure is the highest on record to date and is equivalent to a rate of 382 per 100,000 population. The corresponding figures for patients on the books at the end of the year are 16,414 patients or a rate of 405 per 100,000 population. While the actual numbers of patients are the highest recorded, the rates are much the same as those for the period 1939 to 1945, inclusive.

Patients on Probation and in Boarding Homes

The first patients were placed in boarding homes from Ontario Hospitals in 1933. The relationship between the numbers of patients in boarding homes, and the number in residence, on probation and on the books, for the past ten years, are given in Table II. The data in these tables refer to the patient position as at the end of each of the fiscal years in question.

TABLE II

PATIENT POPULATION—ONTARIO HOSPITALS

1937-1946

Number of Patients on March 31

Year	Patients in Residence		Patients on Probation		Patients Boarded Out		Total on Books*
	Number	Per Cent.	Number	Per Cent.	Number	Per Cent.	
1937	13,019	91.1	801	5.6	468	3.3	14,288
1938	13,574	92.1	680	4.6	482	3.3	14,736
1939	13,746	90.5	940	6.2	501	3.3	15,196
1940	13,764	90.0	962	6.4	550	3.6	15,283
1941	13,981	90.3	986	6.4	505	3.3	15,490
1942	14,169	90.2	970	6.2	559	3.6	15,712
1943	14,264	90.2	960	6.1	562	3.6	15,811
1944	14,376	90.6	927	5.8	546	3.4	15,866
1945	14,551	91.0	895	5.6	522	3.4	15,987
1946	15,000	91.5	909	5.6	471	2.9	16,414

*Includes patients on elopement and not discharged.

On March 31, 1946, 8.5 per cent of the total number of patients on the books were either on probation or were boarded out. The number of patients in boarding homes (471) is substantially lower than in previous years and the proportion of total patients in this category (2.9 per cent) is the lowest recorded in the last ten years.

The Age Distribution of the Patient Population

Data on the age distribution of the patient population in residence on March 31, 1946, in five-year age-groups by sex, compared with the estimated number of persons in the Province, are set out in Table III. Case rates per 1,000 population at the stated ages are also included.

In 1946, the resident case-rate per 1,000 population was 3.78 for males, compared with 3.86 for females. The predominance of male cases in the age-groups below 45 and of female cases above that age is characteristic and quite striking. The rates for both sexes increase steadily with age to a maximum which for males falls in the sixties and for females falls in the seventies. Of all patients in residence on March 31st, 1946, a total of 2,342 were 65 years of age or older, compared with 1,538 patients at such ages on March 31st, 1937.

Age Distribution of First Admissions

Considerable interest attaches to the ages at which persons are admitted to Ontario Hospitals. In Table IV, therefore, are presented data on the age distribution, by sex, of the 2,520 first admissions during the fiscal year ending March 31, 1946.

The crude male first admission rate per 1,000 population is 0.61, and that for female first admissions, 0.63. The relationship of first admission rate to age is striking. The sharp increases in the rates for both sexes is the age-groups 65 years and over are particularly noteworthy.

Data on first admissions and patients in residence for the two sexes combined, by five-year age groups, are set out in Table V.

Both first admission and residence rates increase steadily with age up to age 65. At this age level, a further sharp increase takes place in the first admission rate while resident population rate, reflecting the action of the "forces of mortality", turns downward.

TABLE III

AGE DISTRIBUTION BY SEX—RESIDENT POPULATION AND GENERAL POPULATION OF PROVINCE

AGE	MALES			FEMALES		
	Estimated* Population 1946	Ontario Hospitals	Rate†	Estimated* Population 1946	Ontario Hospitals	Rate†
Under 5.........	193,882	12	0.06	185,657	14	0.08
5-9............	161,335	120	0.74	156,139	77	0.49
10-14...........	155,845	247	1.58	150,787	158	1.05
15-19...........	168,095	387	2.30	162,721	334	2.05
20-24...........	174,074	471	2.71	169,345	425	2.51
25-29...........	165,737	550	3.32	161,130	465	2.89
30-34...........	163,050	679	4.16	156,083	576	3.69
35-39...........	148,069	717	4.84	141,566	685	4.84
40-44...........	138,639	810	5.84	128,107	717	5.60
45-49...........	125,192	796	6.36	119,126	826	6.93
50-54...........	113,820	743	6.53	109,380	749	6.85
55-59...........	101,467	634	6.25	97,956	741	7.56
60-64...........	84,727	575	6.79	81,575	605	7.42
65-69...........	64,944	442	6.81	67,696	498	7.36
70-74...........	46,083	283	6.14	50,114	392	7.82
75-79...........	28,399	169	5.95	33,177	249	7.51
80-84...........	14,215	80	5.63	17,683	127	7.18
85-89...........	5,409	32	5.91	7,207	49	6.80
90-94...........	1,258	7	5.56	1,817	12	6.60
95 and Over.....	200	—	—	362	2	5.52
Not Stated......	—	8	—	—	8	—
ALL AGES.....	2,054,440	7,762	3.78	1,997,628	7,709	3.86

*As in "The Population of Ontario from 1921-1965" Division of Psychiatric Research, August, 1944.
†Rate per 1,000 population at ages.

TABLE IV
AGE DISTRIBUTION BY SEX—FIRST ADMISSIONS

AGE	MALES		FEMALES	
	Number	Rate†	Number	Rate†
Under 5	15	0.08	6	0.03
5-9	42	0.26	18	0.12
10-14	44	0.28	25	0.17
15-19	102	0.61	93	0.57
20-24	91	0.52	101	0.60
25-29	88	0.53	85	0.53
30-34	82	0.50	110	0.70
35-39	82	0.55	118	0.83
40-44	99	0.71	87	0.68
45-49	99	0.79	100	0.84
50-54	76	0.67	88	0.80
55-59	71	0.70	76	0.78
60-64	66	0.78	52	0.64
65-69	71	1.09	79	1.17
70-74	71	1.54	63	1.26
75-79	67	2.36	72	2.17
80-84	63	4.43	65	3.68
85-89	20	3.70	19	2.64
90-94	6	4.77	5	2.75
95 and Over	—	—	2	5.52
Not Stated	1	—	—	—
ALL AGES	1,256	0.61	1,264	0.63

†Rate per 1,000 population at ages.

TABLE V
FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY AGE
YEAR ENDING MARCH 31, 1946

AGE	Estimated Population* 1946	FIRST ADMISSIONS		PATIENTS IN RESIDENCE†	
		Number	Rate‡	Number	Rate‡
Under 5	379,539	21	0.06	26	0.07
5-9	317,474	60	0.19	197	0.62
10-14	306,632	69	0.23	405	1.32
15-19	330,816	195	0.59	721	2.18
20-24	343,419	192	0.56	896	2.61
25-29	326,867	173	0.53	1,015	3.11
30-34	319,133	192	0.60	1,255	3.93
35-39	289,635	200	0.69	1,402	4.84
40-44	266,746	186	0.70	1,527	5.72
45-49	244,318	199	0.81	1,622	6.64
50-54	223,200	164	0.73	1,492	6.68
55-59	199,423	147	0.74	1,375	6.89
60-64	166,302	118	0.71	1,180	7.10
65-69	132,640	150	1.13	940	7.09
70-74	96,197	134	1.39	675	7.02
75-79	61,576	139	2.26	418	6.79
80-84	31,898	128	4.01	207	6.49
85-89	12,616	39	3.09	81	6.42
90-94	3,075	11	3.58	19	6.18
95 and Over	562	2	3.56	2	3.56
Not Stated	—	1	—	16	—
ALL AGES	4,052,068	2,520	0.62	15,471	3.82

*Estimated as previously.

‡Rate per 1,000 population at ages.

†Includes patients boarded out.

Patients in Residence by Diagnosis

Changes in the patient load in Ontario Hospitals for the main diagnostic groups, over the period 1941, to 1946 are summarized in Table VI. Rates in this table are expressed per 100,000 population.

The in-patient case load has increased regularly over the six-year period covered by these data although the crude case rate has not changed materially. An examination of the rate table indicates that patients with epilepsy, both with and without psychosis, have tended to become relatively fewer, while patients with mental deficiency without psychosis, and alcoholism, with and without psychosis, have become relatively more numerous. The most striking trend is that for patients with senile psychosis, and psychosis with cerebral arteriosclerosis. For these groups the rates have pointed steadily upward over the past six years.

TABLE VI

PATIENTS IN RESIDENCE BY DIAGNOSIS

1941-1946

DIAGNOSIS	1941	1942	1943	1944	1945	1946
	NUMBER OF PATIENTS					
Dementia Praecox	6,645	6,751	6,786	6,811	6,914	7,045
Manic-depressive Psychoses	1,170	1,113	1,092	1,095	1,029	1,040
Psychoses with Mental Deficiency	587	607	599	595	606	607
Senile Psychoses	383	415	428	453	489	501
Epileptic Psychoses	406	395	372	368	348	346
Mental Deficiency without Psychosis	2,862	2,979	3,040	3,125	3,194	3,370
G.P.I. and Cerebral Syphilis	534	551	522	529	522	556
Psychoses with Cerebral Arteriosclerosis	369	379	414	431	450	449
Involutional Psychoses	241	265	268	243	251	240
Paranoia and Paranoid Conditions	234	235	239	211	223	221
Alcoholic Psychoses	51	56	59	62	65	73
Alcoholism without Psychosis	11	15	14	15	21	26
Epilepsy without Psychosis	562	566	577	555	560	564
All Other	431	401	416	429	401	433
TOTALS	14,486	14,728	14,826	14,922	15,073	15,471
DIAGNOSIS	RATES PER 100,000 POPULATION*					
Dementia Praecox	176.6	178.2	177.4	172.1	172.5	173.9
Manic-depressive Psychoses	31.1	29.3	28.6	27.7	25.7	25.7
Psychoses with Mental Deficiency	15.6	16.0	15.7	15.0	15.1	15.0
Senile Psychoses	10.2	10.9	11.2	11.4	12.2	12.4
Epileptic Psychoses	10.8	10.4	9.7	9.3	8.7	8.5
Mental Deficiency without Psychosis	76.1	78.6	79.5	79.0	79.7	83.2
G.P.I. and Cerebral Syphilis	14.2	14.5	13.6	13.4	13.0	13.7
Psychoses with Cerebral Arteriosclerosis	9.8	10.0	10.8	10.9	11.2	11.1
Involutional Psychoses	6.4	6.9	7.0	6.1	6.3	5.9
Paranoia and Paranoid Conditions	6.2	6.2	6.2	5.3	5.6	5.5
Alcoholic Psychoses	1.4	1.4	1.5	1.6	1.6	1.8
Alcoholism without Psychosis	0.3	0.3	0.4	0.4	0.5	0.6
Epilepsy without Psychosis	14.9	14.9	15.1	14.0	14.0	13.9
All Other	11.5	10.5	10.5	10.8	10.0	10.7
TOTALS	385.0	388.8	387.6	377.0	376.1	381.8

*1944-46—As in "The Population of Ontario from 1921 to 1965" Division of Psychiatric Research, August, 1944.

First Admission By Diagnosis

Recorded trends in first admissions are subject to fluctuations which are independent of the actual incidence of mental disorders in the population. Despite this fact, first admission rates are the most satisfactory guide which we have as to trends in incidence, and the reservations which we formerly were accustomed to attach to them as such were possibly somewhat exaggerated.

The number of first admissions for each of the more important clinical groups, together with the corresponding rates per 100,000 population in each case, are given in Table VII for the period from 1932 to 1946, inclusive.

The total number of first admissions, all diagnoses, was substantially greater during 1946 than during each of the preceding five years. The first admission rate, 62.2 per 100,000 population, was the highest since 1942 when the rate was 62.5. Notable increases occurred in the number of patients admitted with senile psychosis and psychosis with cerebral arteriosclerosis.

Discharge and Death Rates by Hospital

Discharge rates and death rates, each expressed in terms of both numbers of admissions and numbers of patients treated, for each Ontario Hospital, are given in Table VIII.

The discharge rate, 55.9 per 100 total admissions and 94.8 per 1,000 patients treated for all hospitals, is less favourable than the figures for 1945 and 1944, which were 65.0

TABLE VII

FIRST ADMISSIONS BY DIAGNOSIS, 1932-1946*

DIAGNOSIS	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
	NUMBER OF PATIENTS														
Dementia Praecox	495	545	576	232	616	603	594	586	524	504	489	462	425	476	507
Manic-depressive Psychoses	300	303	306	110	394	334	325	316	325	306	274	284	297	290	315
Senile Psychoses	163	121	150	58	183	171	194	165	173	200	217	260	270	265	310
Mental Deficiency without Psychoses	368	299	309	73	369	375	385	404	332	279	387	331	341	244	353
G.P.I. and Cerebral Syphilis	130	142	140	49	145	124	147	128	129	125	102	89	116	103	99
Psychoses with Cerebral Arteriosclerosis	131	147	155	56	187	125	165	178	213	189	209	195	226	209	261
Psychoses with Mental Deficiency	90	96	67	27	86	54	51	52	50	52	64	42	54	39	42
Epileptic Psychoses	41	44	54	15	53	47	61	48	51	45	34	29	34	24	29
Involutional Psychoses	79	52	57	23	73	72	90	95	134	91	98	105	101	112	109
Paranoia and Paranoid Conditions	65	53	42	22	52	69	43	51	43	40	31	34	28	32	43
Alcoholic Psychoses	25	24	19	9	62	39	36	42	42	32	37	43	20	25	34
Alcoholism without Psychoses	21	19	25	16	55	71	72	70	56	21	23	13	16	20	34
Epilepsy without Psychoses	54	85	65	29	101	56	76	95	107	88	78	69	70	64	62
All Other	288	268	276	118	391	396	397	382	362	332	327	303	271	255	322
TOTALS	2,250	2,198	2,241	837	1,767	2,536	2,636	2,612	2,541	2,304	2,370	2,259	2,269	2,158	2,520
DIAGNOSIS	RATE PER 100,000 POPULATION‡														
Dementia Praecox	14.2	15.7	16.2	15.5	17.1	16.3	15.9	15.6	13.9	13.4	12.9	12.1	11.0	11.9	12.5
Manic-depressive Psychoses	8.6	8.6	8.6	7.4	10.9	9.1	8.7	8.4	8.6	8.1	7.2	7.4	7.5	7.2	7.8
Senile Psychoses	4.7	3.4	4.2	3.9	5.1	4.6	5.2	4.4	4.6	5.3	5.7	6.8	6.8	6.6	7.7
Mental Deficiency without Psychoses	10.6	8.5	8.7	4.9	10.2	10.2	10.3	10.8	8.8	7.4	10.2	8.7	8.6	6.1	8.7
G.P.I. and Cerebral Syphilis	3.7	4.0	4.0	3.3	4.0	3.4	3.9	3.4	3.4	3.3	2.7	2.3	2.9	2.6	2.4
Psychoses with Cerebral Arteriosclerosis	3.8	4.2	4.4	3.8	5.2	3.4	4.4	4.7	5.6	5.0	5.5	5.1	5.7	5.2	6.4
Psychoses with Mental Deficiency	2.6	2.7	1.9	1.8	2.4	1.5	1.4	1.4	1.3	1.4	1.7	1.1	1.4	1.0	1.0
Epileptic Psychoses	1.2	1.3	1.5	1.0	1.5	1.3	1.6	1.3	1.4	1.2	0.9	0.6	0.9	0.6	0.7
Involutional Psychoses	2.3	1.5	1.6	1.5	2.0	1.9	2.4	2.5	3.5	2.4	2.6	2.7	2.6	2.8	2.7
Paranoia and Paranoid Conditions	1.9	1.5	1.2	0.6	1.4	1.8	1.2	1.4	1.1	1.1	0.8	0.9	0.7	0.8	1.1
Alcoholic Psychoses	0.7	0.7	0.5	0.6	1.7	1.1	1.0	1.1	1.1	0.9	0.9	1.1	0.5	0.6	0.8
Alcoholism without Psychoses	0.6	0.5	0.7	1.1	1.5	1.9	1.9	1.9	1.5	0.6	0.6	0.3	0.4	0.5	0.8
Epilepsy without Psychoses	1.6	2.4	1.8	1.9	2.8	1.5	2.0	2.5	2.8	2.3	2.1	1.8	1.8	1.6	1.5
All Other	8.3	7.6	7.7	7.9	10.8	10.7	10.6	10.2	9.0	8.8	8.6	7.9	6.8	6.4	7.9
TOTALS	64.8	62.5	63.9	56.1	76.9	68.7	70.7	69.6	67.3	61.2	62.5	58.8	57.6	53.8	62.2

*1932-34—Year ending October 31. 1935—Five months ending March 31. 1936-46—Year ending March 31.

‡1944-46—As in "The Population of Ontario from 1921 to 1965" Division of Psychiatric Research, August, 1944.

TABLE VIII
DISCHARGE AND DEATH RATES BY HOSPITAL
ONTARIO HOSPITALS—1946

HOSPITALS	Total Admissions	Total Treated *	DISCHARGES			DEATHS		
			Number	Per 100 Admitted	Per 1,000 Treated	Number	Per 100 Admitted	Per 1,000 Treated
Brockville..........	204	1,363	102	50.0	74.8	61	29.9	44.8
Cobourg............	23	632	17	73.9	26.9	8	34.8	12.7
Fort William........	83	181	55	66.2	303.9	7	8.4	38.7
Hamilton...........	583	2,178	244	41.9	112.0	157	26.9	72.1
Kingston...........	225	1,363	106	47.1	77.8	71	31.6	52.1
Langstaff...........	—	438	8	—	18.3	2	—	4.6
London............	524	2,263	347	66.2	153.3	193	36.8	85.3
New Toronto.......	308	1,808	180	58.4	99.6	79	25.6	43.7
Orillia..............	210	2,440	88	41.9	36.1	46	21.9	18.9
Penetang...........	23	669	10	43.4	14.9	28	121.7	41.9
St. Thomas.........	4	386	1	25.0	2.6	1	25.0	2.6
Toronto............	358	1,636	172	48.0	105.1	130	36.3	79.5
Whitby............	615	2,467	420	68.3	170.2	151	24.6	61.2
Woodstock.........	102	1,425	75	73.5	52.6	76	74.5	53.3
ALL HOSPITALS	3,262	19,249	1,825	55.9	94.8	1,010	31.0	52.5
Previous Year.......	2,863	18,733	1,861	65.0	99.3	885	30.9	47.2

*Patients on the books March 31, 1946, plus discharges and deaths during the year.

and 60.8 per 100 admissions and 99.3 and 97.1 per 1,000 patients treated, respectively. The death rate, 31.0 per hundred admissions and 52.5 per 1,000 patients treated, remained much the same as that for 1945. The variation in rates for individual hospitals arises from differences in the age distribution and in the types of patients treated.

Discharge Rates by Condition on Discharge, by Hospital

The number of discharges and the discharge rates by condition on discharge, expressed both in terms of total admissions and total number of patients under care, are shown for each hospital in Table IX.

It is to be noted that the data on "condition on discharge" in this table refer to psychotic patients only. All other discharges are grouped under the caption "Without Mental Disorder", without reference to condition on discharge.

A total of 1,825 patients were discharged from the books of Ontario Hospitals during the year. Of this number, 346 were patients "Without Mental Disorder" and the remainder (1,479) were psychotic patients.

The number of psychotic patients discharged as recovered (639) is slightly lower than that for the previous year (677) but is higher than the number discharged in this category during the years 1941 to 1944. The general rates for psychotic patients discharged as "recovered" and as "improved" are also both lower in 1946 than in the previous year. Of the 1,479 psychotic patients discharged, 43.2 per cent were discharged as "recovered" and 50.7 per cent were discharged as "improved". In some hospitals where the "recovery" rate is low, the rate for "improved" patients is high and vice versa. To some degree this may be due to differences in interpretation of the terms "recovered" and "improved".

TABLE IX

DISCHARGE RATES BY CONDITION ON DISCHARGE
YEAR ENDING MARCH 31, 1946

HOSPITALS	Total Admissions	Patients Treated *	RECOVERED			IMPROVED			UNIMPROVED			WITHOUT MENTAL DISORDER			TOTAL		
			No.	Per 100 Admitted	Per 1,000 Treated	No.	Per 100 Admitted	Per 1,000 Treated	No.	Per 100 Admitted	Per 1,000 Treated	No.	Per 100 Admitted	Per 1,000 Treated	No.	Per 100 Admitted	Per 1,000 Treated
Brockville	204	1,363	35	17.2	25.7	56	27.4	41.1	4	2.0	2.9	7	3.4	5.1	102	50.0	74.8
Cobourg	23	632	—	—	—	1	4.3	1.6	—	—	—	16	69.6	25.3	17	73.9	26.9
Fort William	83	181	30	36.1	165.8	20	24.1	110.5	1	1.2	5.5	4	4.8	22.1	55	66.2	303.9
Hamilton	583	2,178	76	13.0	34.9	119	20.4	54.6	19	3.3	8.7	30	5.1	13.8	244	41.8	112.0
Kingston	225	1,363	49	21.8	36.0	37	16.4	27.2	4	1.8	2.9	16	7.1	11.7	106	47.1	77.8
Langstaff	—	438	—	—	—	6	—	13.7	—	—	—	2	—	4.6	8	—	18.3
London	524	2,263	135	25.8	59.6	161	30.7	71.1	23	4.4	10.2	28	5.3	12.4	347	66.2	153.3
New Toronto	308	1,808	80	26.0	44.2	65	21.0	36.0	7	2.3	3.9	28	9.1	15.5	180	58.4	99.6
Orillia	210	2,440	—	—	—	—	—	—	—	—	—	88	41.9	36.1	88	41.9	36.1
Penetang	23	669	2	8.7	3.0	2	8.7	3.0	—	—	—	6	26.1	9.0	10	43.5	15.0
St. Thomas	4	386	—	—	—	1	25.0	2.6	—	—	—	—	—	—	1	25.0	2.6
Toronto	358	1,636	31	8.6	18.9	105	29.3	64.2	10	2.8	6.1	26	7.3	15.9	172	48.0	105.1
Whitby	615	2,467	194	31.5	78.6	167	27.2	67.7	17	2.8	6.9	42	6.8	17.0	420	68.3	170.2
Woodstock	102	1,425	7	6.9	4.9	10	9.8	7.0	5	4.9	3.5	53	51.9	37.2	75	73.5	52.6
ALL HOSPITALS	3,262	19,249	639	19.6	33.2	750	23.0	39.0	90	2.8	4.7	346	10.6	18.0	1825	56.0	94.9
Previous Year	2,863	18,733	687	24.0	36.7	826	28.9	44.1	159	5.5	8.4	189	6.6	10.1	1861	65.0	99.3

*Patients on the books March 31, 1946, plus discharges and deaths during the year.

Note: Attention is directed to the fact that there was a slight error in the rates presented in the corresponding table of the 75th, 76th, 77th and 78th Annual Reports due to the inclusion of a few non-psychotic cases in the three recovery groups.

In recent years there have been some interesting changes in the actual and relative volume of discharges by diagnosis. For example, the discharge rate for patients grouped under the heading "Without Psychosis" has declined from 17.2 per 100 total admissions and 31.4 per 1,000 total patients treated during the fiscal year ending March 31, 1939 to 12.8 per 100 admissions and 20.1 per 1,000 patients treated in 1943, and to 10.6 per 100 admissions and 18.0 per 1,000 patients treated in 1946.

A brief review of the noteworthy trends in discharge rates, by diagnosis, will be included in the Annual Review for the fiscal year ending March, 1947.

Discharge and Death Rates for Selected Psychoses

Mention has already been made of the crude discharge rates by condition on discharge. To throw some light on the recorded data for individual clinical entities, discharge and death rates for six major groups of psychoses are given in Table X. Rates are expressed per 100 total admissions and per 1,000 patients under care for each case-group.

TABLE X

DISCHARGES AND DEATH RATES FOR SELECTED PSYCHOSES

YEAR ENDING MARCH 31, 1946

			DISCHARGES			DEATHS		
PSYCHOSES	Total Admissions	Number Treated *	Number	Per 100 Admitted	Per 1,000 Treated	Number	Per 100 Admitted	Per 1,000 Treated
Senile†	595	1,519	77	12.9	50.7	492	82.7	323.9
Dementia Praecox	756	7,675	460	60.8	59.9	170	22.5	22.1
Manic-Depressive	545	1,567	461	84.6	294.2	66	12.1	42.1
General Paresis‡	116	632	40	34.5	63.3	36	31.0	57.0
Epileptic	41	394	26	63.4	66.0	22	53.7	55.8
With Mental Deficiency	67	662	40	59.7	60.4	15	22.4	22.7
Other Psychoses	534	1,408	375	70.2	266.3	110	20.6	78.1
Without Psychosis	608	4,449	346	56.9	77.8	99	16.3	22.3
TOTAL	3,262	18,306	1,825	55.9	99.7	1,010	31.0	55.2
Previous Year	2,863	17,819	1,861	65.0	104.4	885	30.9	49.7

*Patients in Residence, March 31, 1946, plus discharges and deaths during the year.

†Including Psychoses with Cerebral Arteriosclerosis.

‡Including Psychoses due to Cerebral Syphilis.

The discharge rates for the manic-depressive group are highest and those for the senile psychotic group (including cerebral arteriosclerosis) lowest. Senile psychosis is associated with the highest death rate and the dementia praecox with the lowest. Ten per cent of the patients under treatment during the year were discharged and five per cent died.

It is to be noted that the figures in the total row of Table X do not agree with those in other tables. This is due to the use of a slightly different base for "patients treated", arising out of lack of data on the diagnosis of patients on probation and on elopement, that is, patients on the books but not in residence.

In the last analysis, discharge is a most satisfactory criterion of success in treatment and analysis of discharge and death statistics by diagnosis, age, and sex can be extended profitably. In future years, as much useful data of this sort will be included in this Review as the present program of studies may permit.

Discharges and Deaths by Age

Data have already been presented on case frequency by age (Tables III, IV, V). The relationship between discharges and deaths at selected ages and the total number of admissions and the number of patients under treatment at those ages during the year, is illustrated by Table XI.

TABLE XI
DISCHARGES AND DEATHS BY AGE
YEAR ENDING MARCH 31, 1946

AGE GROUPS	First and Re-Admissions	Number Treated *	DISCHARGES			DEATHS		
			Number	Per 100 Admitted	Per 1,000 Treated	Number	Per 100 Admitted	Per 1,000 Treated
Under 15	152	663	18	11.8	27.1	17	11.2	25.6
15-24	455	1,953	301	66.2	154.1	35	7.7	17.9
25-34	517	2,658	360	69.6	135.4	28	5.4	10.5
35-44	566	3,400	413	73.0	121.5	58	10.2	17.1
45-54	520	3,552	338	65.0	95.2	100	19.2	28.2
55-64	386	2,951	235	60.9	79.6	161	41.7	54.6
65 and Over	665	3,110	160	24.1	51.4	608	91.4	195.5
Not Stated	1	19	—	—	—	3	—	—
ALL AGES	3,262	18,306	1,825	55.9	99.7	1,010	31.0	55.2

*Patients in Residence, March 31, 1946, plus discharges and deaths.

The discharge rate per thousand patients under the treatment is highest at ages 15-24 years, 15.4 per cent of the 1,953 patients under treatment in this age-group being discharged during the year. Discharge rates decrease steadily with increasing age.

The crude death rate for the patient population is five times that of the general population of the Province (Table XII) but at all ages under 65 years the excess

TABLE XII
PRINCIPAL RECORDED CAUSES OF DEATH
ONTARIO HOSPITALS, 1945-46, AND ONTARIO 1945

CAUSE OF DEATH	ONTARIO HOSPITALS			PROVINCE		
	Number	Rate*	Per Cent.	Number	Rate†	Per Cent.
1. Diseases of the heart	396	21.6	39.2	12,669	3.2	32.1
2. Pneumonia and bronchitis	250	13.7	24.7	1,769	0.4	4.5
3. Intracranial lesions of vascular origin	105	5.7	10.4	4,234	1.1	10.7
4. Tuberculosis (all forms)	40	2.2	4.0	1,015	0.3	2.6
5. Cancer (all forms)	39	2.1	3.9	5,294	1.3	13.4
6. Diseases of the arteries	30	1.6	3.0	855	0.2	2.2
TOTAL 1-6	860	47.0	85.2	25,836	6.5	65.4
All other causes	150	8.2	14.8	13,663	3.4	34.6
GRAND TOTALS	1,010	55.2	100.0	39,499	9.9	100.0

*Rate per 1,000 under treatment (18,306).
†Rate per 1,000 population (4,004,000).

mortality is much greater. The specific death rate per thousand patients under treatment is lowest at ages 25-34, and shows a progressive substantial increase with increasing age. At ages 65 and over, deaths exceed discharges by almost four to one.

Recorded Causes of Death

"Certification of cause of death is fraught with difficulties even in the general population". Since tabulation of death in Ontario Hospitals by cause is at present still carried out by each Hospital and not in a central bureau, the possibility of variation due thereto must be conceded.

The chief recorded causes of death for patients in Ontario Hospitals during the fiscal year ending March 31, 1946, are presented in Table XII. Comparative data for the general population for 1945 are also given.

The crude death rate from all causes during the year was 55.2 per 1,000 patients under treatment compared with a rate of 49.6 for the preceding year. Diseases of the heart continues to head the list with 396 deaths or 39.2 per cent of the total deaths in Ontario Hospitals. Pneumonia and bronchitis follows closely with 250 deaths or 24.7 per cent of the total. Tuberculosis contributed less than four per cent of all deaths, compared with eight per cent seven years ago.

The last twenty years have witnessed important changes in the mortality experience of Ontario Hospitals. Further data on mortality trends will be included in subsequent Annual Reviews.

Comment

This brief Review is intended merely to draw attention to certain of the salient points reflected by the data contained in the Seventy-ninth Annual Report of Ontario Hospitals. A great deal of information not covered by this Review is included in the forty-one detailed tables which form the main body of the Report, as well as in the thirty-one supplementary tables covering special fields of activity.

Development of the scope and content of this Statistical Review, first prepared in 1939, was precluded during the war years. It is hoped, however, that the original objectives outlined in the 1939 Review may be pursued during the next few years and the **Annual Statistical Review** may be extended to bring into focus at least the more important highlights reflected by the great volume of detailed statistical data which are tabulated annually.

A. H. SELLERS, M.D., D.P.H.

January 29th, 1947.

Medical Statistics Branch.

DETAILED STATISTICAL TABLES

TABLE No. 1
DETAILED MOVEMENT OF PATIENT POPULATION
April 1, 1945—March 31, 1946

POPULATION	TOTAL			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on Books April 1, 1945:																					
In Residence	7,348	7,203	14,551	567	580	1,147	—	469	469	91	—	91	760	772	1,532	597	526	1,123	434	—	434
In Boarding Homes	186	336	522	14	16	30	—	23	23	—	—	—	6	12	18	13	26	39	—	—	—
On Probation	339	556	895	13	43	56	—	78	78	6	—	6	46	66	112	22	17	39	5	—	5
On Elopement (Not Discharged)	13	6	19	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Total on Books	7,886	8,101	15,987	594	639	1,233	—	570	570	97	—	97	812	850	1,662	633	569	1,202	439	—	439
2. Admitted during year:																					
First Admissions	1,256	1,264	2,520	64	97	161	—	19	19	67	—	67	214	245	459	92	86	178	—	—	—
Re-Admissions	340	402	742	15	28	43	—	4	4	16	—	16	54	70	124	24	23	47	—	—	—
Transfers Received	262	484	746	3	4	7	—	42	42	3	—	3	9	7	16	11	6	17	16	—	16
Total Admitted	1,858	2,150	4,008	82	129	211	—	65	65	86	—	86	277	322	599	127	115	242	16	—	16
3. Total under Care*	9,744	10,251	19,995	676	768	1,444	—	635	635	183	—	183	1,089	1,172	2,261	760	684	1,444	455	—	455
4. Discharged during year:†																					
Recovered	250	389	639	9	26	35	—	—	—	30	—	30	34	42	76	25	24	49	—	—	—
Improved	355	395	750	20	36	56	—	1	1	20	—	20	43	76	119	20	17	37	6	—	6
Unimproved	39	51	90	1	3	4	—	—	—	1	—	1	8	11	19	2	2	4	—	—	—
Without Psychosis	209	137	346	3	4	7	—	16	16	4	—	4	22	8	30	15	1	16	2	—	2
Died‡	510	500	1,010	38	23	61	—	8	8	7	—	7	89	68	157	40	31	71	2	—	2
Transferred	260	486	746	19	62	81	—	3	3	2	—	2	11	72	83	74	7	81	17	—	17
Total Discharged from Books*	1,623	1,958	3,581	90	154	244	—	28	28	64	—	64	207	277	484	176	82	258	27	—	27
5. Patients on Books March 31, 1946:																					
In Residence	7,594	7,406	15,000	542	552	1,094	—	513	513	116	—	116	827	797	1,624	555	544	1,099	422	—	422
In Boarding Homes	168	303	471	20	18	38	—	16	16	—	—	—	7	12	19	8	25	33	—	—	—
On Probation	340	569	909	24	44	68	—	78	78	3	—	3	47	86	133	19	33	52	6	—	6
On Elopement (Not Discharged)	19	15	34	—	—	—	—	—	—	—	—	—	1	—	1	2	—	2	—	—	—
Total on Books	8,121	8,293	16,414	586	614	1,200	—	607	607	119	—	119	882	895	1,777	584	602	1,186	428	—	428
6. Daily Average Population in Residence. §	7,439	7,426	14,865	563	572	1,135	—	478	478	103	—	103	791	784	1,575	598	538	1,136	426	—	426
7. Daily Average Population on Books	8,004	8,354	16,358	601	633	1,234	—	579	579	109	—	109	849	881	1,730	637	588	1,225	431	—	431

*These figures include transfers—actual numbers for all hospitals combined are 19,249 and 2,835.

†Elopers discharged (44) are included with ordinary discharges.

‡Excludes deaths on probation and elopment; these are included with ordinary discharges.

§Excludes patients in boarding homes.

TABLE No. 1 (Continued)
DETAILED MOVEMENT OF PATIENT POPULATION
April 1, 1945—March 31, 1946

POPULATION	LONDON			NEW TORONTO			ORILLIA			PENETANG			ST. THOMAS			TORONTO			WHITBY			WOODSTOCK		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on Books April 1, 1945:																								
In Residence	755	823	1,578	665	726	1,391	1,086	954	2,040	372	249	621	—	—	—	627	627	1,254	766	893	1,659	628	584	1,212
In Boarding Homes	19	35	54	46	57	103	24	80	104	7	11	18	—	—	—	7	26	33	50	50	100	—	—	—
On Probation	65	105	170	34	32	66	49	31	80	—	2	2	—	—	—	32	49	81	51	107	158	16	26	42
On Elopement (Not Discharged)	—	—	—	—	—	—	11	6	17	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Total on Books	839	963	1,802	745	815	1,560	1,170	1,071	2,241	379	262	641	—	—	—	666	702	1,368	868	1,050	1,918	644	610	1,254
2. Admitted during year:																								
First Admissions	197	182	379	122	124	246	121	82	203	12	7	19	—	4	4	121	152	273	202	234	436	44	32	76
Re-Admissions	67	78	145	20	42	62	4	3	7	3	1	4	—	—	—	33	52	85	84	95	179	20	6	26
Transfers Received	15	10	25	9	9	18	2	1	3	8	5	13	60	330	390	35	16	51	9	9	18	82	45	127
Total Admitted	279	270	549	151	175	326	127	86	213	23	13	36	60	334	394	189	220	409	295	338	633	146	83	229
3. Total Under Care*	1,118	1,233	2,351	896	990	1,886	1,297	1,157	2,454	402	275	677	60	334	394	855	922	1,777	1,163	1,388	2,551	790	693	1,483
4. Discharged during year:†																								
Recovered	42	93	135	34	46	80	—	—	—	2	—	2	—	—	—	11	20	31	58	136	194	5	2	7
Improved	72	89	161	22	43	65	—	—	—	1	1	2	—	1	1	53	52	105	91	76	167	7	3	10
Unimproved	10	13	23	6	1	7	—	—	—	—	—	—	—	—	—	3	7	10	6	11	17	2	3	5
Without Psychosis	27	1	28	21	7	28	43	45	88	2	4	6	—	—	—	11	15	26	30	12	42	29	24	53
Died‡	85	108	193	40	39	79	25	21	46	18	10	28	—	1	1	61	69	130	63	88	151	42	34	76
Transferred	17	71	88	14	64	78	11	3	14	7	1	8	—	8	8	42	99	141	13	71	84	33	25	58
Total Discharged from Books*	253	375	628	137	200	337	79	69	148	30	16	46	—	10	10	181	262	443	261	394	655	118	91	209
5. Patients on Books March 31, 1946:																								
In Residence	774	762	1,536	683	696	1,379	1,147	971	2,118	365	247	612	60	323	383	641	576	1,217	807	843	1,650	655	582	1,237
In Boarding Homes	18	27	45	48	49	97	22	75	97	4	9	13	—	—	—	9	27	36	32	45	77	—	—	—
On Probation	72	69	141	28	45	73	36	27	63	3	3	6	—	1	1	23	57	80	62	106	168	17	20	37
On Elopement (Not Discharged)	1	—	1	—	—	—	13	15	28	—	—	—	—	—	—	1	—	1	1	—	1	—	—	—
Total on Books	865	858	1,723	759	790	1,549	1,218	1,088	2,306	372	259	631	60	324	384	674	660	1,334	902	994	1,896	672	602	1,274
6. Daily Average Population in Residence.#	762	799	1,561	675	710	1,385	1,113	944	2,057	371	246	617	4	280	284	631	620	1,251	774	872	1,646	628	583	1,211
7. Daily Average Population on Books	858	923	1,781	750	800	1,550	1,190	1,079	2,269	375	260	635	4	280	284	667	690	1,357	881	1,035	1,916	652	606	1,258

*These figures include transfers—Actual numbers for all hospitals combined are 19,249 and 2,835.

†Elopers discharged (44) are included with ordinary discharges.

‡Excludes deaths on probation and elopement: These are included with ordinary discharges.

#Excludes patients in boarding homes.

TABLE No. 2
MOVEMENT OF PATIENT POPULATION
Year Ending March 31, 1946

HOSPITALS	To Population											
	First Admissions			Re-Admissions			Transfers Received			Total Added to Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	64	97	161	15	28	43	3	4	7	82	129	211
Cobourg	—	19	19	—	4	4	—	42	42	—	65	65
Fort William	67	—	67	16	—	16	3	—	3	86	—	86
Hamilton	214	245	459	54	70	124	9	7	16	277	322	599
Kingston	92	86	178	24	23	47	11	6	17	127	115	242
Langstaff	—	—	—	—	—	—	16	—	16	16	—	16
London	197	182	379	67	78	145	15	10	25	279	270	549
New Toronto	122	124	246	20	42	62	9	9	18	151	175	326
Orillia	121	82	203	4	3	7	2	1	3	127	86	213
Penetang	12	7	19	3	1	4	8	5	13	23	13	36
St. Thomas	—	4	4	—	—	—	60	330	390	60	334	394
Toronto	121	152	273	33	52	85	35	16	51	189	220	409
Whitby	202	234	436	84	95	179	9	9	18	295	338	633
Woodstock	44	32	76	20	6	26	82	45	127	146	83	229
All Hospitals	1,256	1,264	2,520	340	402	742	262	484	746	1,858	2,150	4,008

TABLE No. 2 (Continued)
MOVEMENT OF PATIENT POPULATION
YEAR ENDING MARCH 31, 1946

HOSPITALS	FROM POPULATION																	
	DISCHARGES			DIED*			TRANSFERRED TO OTHER HOSPITALS			ELOPERS DISCHARGED			TOTAL FROM POPULATION			CHANGES IN POPULATION		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
BROCKVILLE	33	69	102	38	23	61	19	62	81	—	—	—	90	154	244	− 8	− 25	− 33
COBOURG	—	17	17	—	8	8	—	3	3	—	—	—	—	28	28	—	+ 37	+ 37
FORT WILLIAM	55	—	55	7	—	7	2	—	2	—	—	—	64	—	64	+ 22	—	+ 22
HAMILTON	105	137	242	89	68	157	11	72	83	2	—	2	207	277	484	+ 70	+ 45	+115
KINGSTON	61	44	105	40	31	71	74	7	81	1	—	1	176	82	258	− 49	+ 33	− 16
LANGSTAFF	8	—	8	2	—	2	17	—	17	—	—	—	27	—	27	− 11	—	− 11
LONDON	148	196	344	85	108	193	17	71	88	3	—	3	253	375	628	+ 26	−105	− 79
NEW TORONTO	80	96	176	40	39	79	14	64	78	3	1	4	137	200	337	+ 14	− 25	− 11
ORILLIA	34	33	67	25	21	46	11	3	14	9	12	21	79	69	148	+ 48	+ 17	+ 65
PENETANG	5	5	10	18	10	28	7	1	8	—	—	—	30	16	46	− 7	− 3	− 10
ST. THOMAS	—	1	1	—	1	1	—	8	8	—	—	—	—	10	10	+ 60	+324	+384
TORONTO	76	93	169	61	69	130	42	99	141	2	1	3	181	262	443	+ 8	− 42	− 34
WHITBY	179	235	414	63	88	151	13	71	84	6	—	6	261	394	655	+ 34	− 56	− 22
WOODSTOCK	39	32	71	42	34	76	33	25	58	4	—	4	118	91	209	+ 28	− 8	+ 20
ALL HOSPITALS	823	958	1,781	510	500	1,010	260	486	746	30	14	44	1,623	1,958	3,581	+235	+192	+427

*Does not include deaths on Probation or Elopement. These are classed as discharges.

TABLE No. 3
PATIENT POPULATION ON APRIL 1, 1945 AND MARCH 31, 1946

HOSPITALS	Population April 1, 1945														
	Patients in Hospital			Patients on Probation			Patients Boarding-Out			Eloped and Not Discharged			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	567	580	1,147	13	43	56	14	16	30	—	—	—	594	639	1,233
Cobourg	—	469	469	—	78	78	—	23	23	—	—	—	—	570	570
Fort William	91	—	91	6	—	6	—	—	—	—	—	—	97	—	97
Hamilton	760	772	1,532	46	66	112	6	12	18	—	—	—	812	850	1,662
Kingston	597	526	1,123	22	17	39	13	26	39	1	—	1	633	569	1,202
Langstaff	434	—	434	5	—	5	—	—	—	—	—	—	439	—	439
London	755	823	1,578	65	105	170	19	35	54	—	—	—	839	963	1,802
New Toronto	665	726	1,391	34	32	66	46	57	103	—	—	—	745	815	1,560
Orillia	1,086	954	2,040	49	31	80	24	80	104	11	6	17	1,170	1,071	2,241
Penetang	372	249	621	—	2	2	7	11	18	—	—	—	379	262	641
St. Thomas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toronto	627	627	1,254	32	49	81	7	26	33	—	—	—	666	702	1,368
Whitby	766	893	1,659	51	107	158	50	50	100	1	—	1	868	1,050	1,918
Woodstock	628	584	1,212	16	26	42	—	—	—	—	—	—	644	610	1,254
TOTALS	7,348	7,203	14,551	339	556	895	186	336	522	13	6	19	7,886	8,101	15,987

TABLE No. 3 (Continued)

PATIENT POPULATION ON APRIL 1, 1945 AND MARCH 31, 1946

HOSPITALS	Population March 31, 1946															Total Number of Patients on Books During Year		
	Patients in Hospital			Patients on Probation			Patients Boarding-Out			Eloped and Not Discharged			Total on Books					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	542	552	1,094	24	44	68	20	18	38	—	—	—	586	614	1,200	676	768	1,444
Cobourg	—	513	513	—	78	78	—	16	16	—	—	—	—	607	607	—	635	635
Fort William	116	—	116	3	—	3	—	—	—	—	—	—	119	—	119	183	—	183
Hamilton	827	797	1,624	47	86	133	7	12	19	1	—	1	882	895	1,777	1,089	1,172	2,261
Kingston	555	544	1,099	19	33	52	8	25	33	2	—	2	584	602	1,186	760	684	1,444
Langstaff	422	—	422	6	—	6	—	—	—	—	—	—	428	—	428	455	—	455
London	774	762	1,536	72	69	141	18	27	45	1	—	1	865	858	1,723	1,118	1,233	2,351
New Toronto	683	696	1,379	28	45	73	48	49	97	—	—	—	759	790	1,549	896	990	1,886
Orillia	1,147	971	2,118	36	27	63	22	75	97	13	15	28	1,218	1,088	2,306	1,297	1,157	2,454
Penetang	365	247	612	3	3	6	4	9	13	—	—	—	372	259	631	402	275	677
St. Thomas	60	323	383	—	1	1	—	—	—	—	—	—	60	324	384	60	334	394
Toronto	641	576	1,217	23	57	80	9	27	36	1	—	1	674	660	1,334	855	922	1,777
Whitby	807	843	1,650	62	106	168	32	45	77	1	—	1	902	994	1,896	1,163	1,388	2,551
Woodstock	655	582	1,237	17	20	37	—	—	—	—	—	—	672	602	1,274	790	693	1,483
Totals	7,594	7,406	15,000	340	569	909	168	303	471	19	15	34	8,121	8,293	16,414	9,744	10,251	19,995†

†This figure includes 746 Transfers. Actual number of patients under supervision or treatment during the year was 19,249.

TABLE No. 4
MOVEMENT OF PATIENT POPULATION

	PATIENT POPULATION	ALL HOSPITALS			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
IN BOARDING HOMES	In Boarding Homes at beginning of year	186	332	518	14	16	30	—	23	23	—	—	—	6	9	15	13	25	38	—	—	—
	Placed in Boarding Homes during year	97	223	320	13	15	28	—	13	13	—	—	—	4	5	9	2	5	7	—	—	—
	Returned from Boarding Homes during year	87	222	309	7	13	20	—	3	3	—	—	—	3	2	5	7	5	12	—	—	—
	Discharged while in Boarding Homes	29	22	51	—	—	—	—	17	17	—	—	—	—	—	—	—	—	—	—	—	—
	Died while in Boarding Homes	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remaining in Boarding Homes at end of year	166	310	476	20	18	38	—	16	16	—	—	—	7	12	19	8	25	33	—	—	—
	Daily average in Boarding Homes	172	313	485	18	18	36	—	17	17	—	—	—	6	12	18	9	25	34	—	—	—
ON PROBATION	On Probation at the beginning of the year	339	556	895	13	43	56	—	78	78	6	—	6	46	66	112	22	17	39	5	—	5
	Placed on Probation during year	1,146	1,578	2,724	45	81	126	—	155	155	17	—	17	118	187	305	56	73	129	13	—	13
	Returned from Probation during year	586	725	1,311	9	22	31	—	138	138	11	—	11	39	43	82	17	18	35	6	—	6
	Discharged while on Probation	549	825	1,374	25	56	81	—	17	17	9	—	9	77	119	196	42	39	81	6	—	6
	Died while on Probation	9	15	24	—	2	2	—	—	—	—	—	—	1	5	6	—	—	—	—	—	—
	Remaining on Probation at end of year	341	569	910	24	44	68	—	78	78	3	—	3	47	86	133	19	33	52	6	—	6
	Daily average on Probation	382	595	977	21	42	63	—	70	70	6	—	6	51	81	132	20	25	45	6	—	6

TABLE No. 4—(Continued)
MOVEMENT OF PATIENT POPULATION

	PATIENT POPULATION	LONDON			NEW TORONTO			ORILLIA			PENETANG			ST. THOMAS			TORONTO			WHITBY			WOODSTOCK		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
IN BOARDING HOMES	In Boarding Homes at beginning of year	19	35	54	46	57	103	24	80	104	7	11	18	—	—	—	7	26	33	50	50	100	—	—	—
	Placed in Boarding Homes during year	14	41	55	5	22	27	6	49	55	1	9	10	—	—	—	19	33	52	33	31	64	—	—	—
	Returned from Boarding Homes during year	15	48	63	5	23	28	8	54	62	4	11	15	—	—	—	4	30	34	34	33	67	—	—	—
	Discharged while in Boarding Homes	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	12	1	13	17	3	20	—	—	—
	Died while in Boarding Homes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—	—	—	—
	Remaining in Boarding Homes at end of year	18	27	45	46	56	102	22	75	97	4	9	13	—	—	—	9	27	36	32	45	77	—	—	—
	Daily average in Boarding Homes	18	29	47	46	56	102	23	74	97	4	9	13	—	—	—	7	28	35	41	45	86	—	—	—
ON PROBATION	On Probation at the beginning of the year	65	105	170	34	32	66	49	31	80	—	2	2	—	—	—	32	49	81	51	107	158	16	26	42
	Placed on Probation during year	185	232	417	56	114	170	286	167	453	6	7	13	—	3	3	92	166	258	174	293	467	98	100	198
	Returned from Probation during year	64	88	152	10	20	30	268	144	412	1	2	3	—	2	2	44	78	122	49	93	142	68	77	145
	Discharged while on Probation	110	176	286	52	81	133	31	27	58	2	4	6	—	—	—	53	78	131	114	201	315	28	27	55
	Died while on Probation	3	4	7	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6	—	—	—	1	2	3
	Remaining on Probation at end of year	73	69	142	28	45	73	36	27	63	3	3	6	—	1	1	23	57	80	62	106	168	17	20	37
	Daily average on Probation	78	96	174	30	40	70	52	42	94	3	4	7	—	4	4	29	49	78	63	118	181	23	24	47

TABLE No. 5

CHANGES IN PATIENT POPULATION

April 1, 1945 to March 31, 1946

HOSPITALS	Patients in Hospital			Patients on Probation			Patients in Boarding Homes			Eloped and Not Discharged			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	− 25	− 28	− 53	+ 11	+ 1	+ 12	+ 6	+ 2	+ 8	—	—	—	− 8	− 25	− 33
Cobourg	—	+ 44	+ 44	—	—	—	—	− 7	− 7	—	—	—	—	+ 37	+ 37
Fort William	+ 25	—	+ 25	− 3	—	− 3	—	—	—	—	—	—	+ 22	—	+ 22
Hamilton	+ 67	+ 25	+ 92	+ 1	+ 20	+ 21	+ 1	—	+ 1	+ 1	—	+ 1	+ 70	+ 45	+115
Kingston	− 42	+ 18	− 24	− 3	+ 16	+ 13	− 5	− 1	− 6	+ 1	—	+ 1	− 49	+ 33	− 16
Langstaff	− 12	—	− 12	+ 1	—	+ 1	—	—	—	—	—	—	− 11	—	− 11
London	+ 19	− 61	− 42	+ 7	− 36	− 29	− 1	− 8	− 9	+ 1	—	+ 1	+ 26	−105	− 79
New Toronto	+ 18	− 30	− 12	− 6	+ 13	+ 7	+ 2	− 8	− 6	—	—	—	+ 14	− 25	− 11
Orillia	+ 61	+ 17	+ 78	− 13	− 4	− 17	− 2	− 5	− 7	+ 2	+ 9	+ 11	+ 48	+ 17	+ 65
Penetang	− 7	− 2	− 9	+ 3	+ 1	+ 4	− 3	− 2	− 5	—	—	—	− 7	− 3	− 10
St. Thomas	+ 60	+323	+383	—	+ 1	+ 1	—	—	—	—	—	—	+ 60	+324	+384
Toronto	+ 14	− 51	− 37	− 9	+ 8	− 1	+ 2	+ 1	+ 3	+ 1	—	+ 1	+ 8	− 42	− 34
Whitby	+ 41	− 50	− 9	+ 11	− 1	+ 10	− 18	− 5	− 23	—	—	—	+ 34	− 56	− 22
Woodstock	+ 27	− 2	+ 25	+ 1	− 6	− 5	—	—	—	—	—	—	+ 28	− 8	+ 20
TOTALS	+246	+203	+449	+ 1	+ 13	+ 14	− 18	− 33	− 51	+ 6	+ 9	+ 15	+235	+192	+427

TABLE No. 6
SUMMARY OF PATIENT POPULATION
YEAR ENDING MARCH 31, 1946

	DIAGNOSIS	Admissions			Discharges			Deaths			Patients in Residence*		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	86	23	109	29	9	38	27	7	34	435	93	528
	02. With other forms of Syphilis	7	0	7	2	0	2	2	0	2	19	9	28
	03. With Epidemic Encephalitis	2	3	5	1	2	3	1	1	2	23	11	34
	04. With other Infectious Diseases	2	2	4	0	1	1	—	—	—	2	8	10
	05. Alcoholic Psychoses	34	9	43	18	5	23	2	2	4	63	10	73
	06a. Due to Opium and Other Drugs	1	9	10	3	3	6	0	2	2	0	6	6
	06b. Due to other Exogenous Toxins	—	—	—	2	4	6	1	0	1	2	1	3
	07. Traumatic Psychoses	3	2	5	1	0	1	1	1	2	14	4	18
	08. With Cerebral Arteriosclerosis	152	121	273	19	24	43	122	91	213	238	211	449
	09. With other Disturbances of Circulation	7	16	23	1	3	4	9	9	18	8	11	19
	10. With Convulsive Disorders (Epilepsy)	24	17	41	16	10	26	14	8	22	175	171	346
	11. Senile Psychoses	150	172	322	13	21	34	132	147	279	191	310	501
	12. Involutional Psychoses	40	100	140	30	84	114	13	16	29	62	178	240
	13. Due to other Metabolic, etc. Diseases	9	30	39	3	16	19	9	12	21	8	43	51
	14. Due to New Growth	4	3	7	0	1	1	2	2	4	3	3	6
	15. With Organic Changes of Nervous System	6	9	15	0	3	3	2	5	7	28	24	52
	16. Psychoneuroses	50	110	160	42	82	124	2	1	3	37	84	121
	17. Manic-Depressive Psychoses	206	339	545	167	294	461	28	38	66	443	597	1,040
	18. Dementia Praecox (Schizophrenia)	365	391	756	246	214	460	72	98	170	3,508	3,537	7,045
	19. Paranoia and Paranoid Conditions	24	26	50	16	26	42	3	5	8	97	124	221
	20. With Psychopathic Personality	8	4	12	11	2	13	0	1	1	15	12	27
	21. With Mental Deficiency	30	37	67	17	23	40	6	9	15	308	299	607
	22. Undiagnosed Psychoses	11	10	21	7	8	15	5	3	8	11	31	42
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	29	10	39	22	19	41	4	0	4	70	47	117
	231b. Epileptics who are Feebleminded	27	18	45	8	7	15	9	7	16	217	230	447
	232. Alcoholism	37	7	44	32	6	38	—	—	—	24	2	26
	233. Drug Addiction	11	1	12	6	1	7	—	—	—	5	0	5
	234. Mental Deficiency	225	174	399	79	87	166	41	32	73	1,728	1,642	3,370
	235. Disorders of Personality	4	1	5	2	1	3	—	—	—	3	1	4
	236. Psychopathic Personality	11	4	15	5	4	9	—	—	—	19	2	21
	237. Other Non-Psychotic Conditions	10	11	21	10	6	16	2	3	5	3	3	6
	24. Primary Behaviour Disorders	13	6	19	15	5	20	1	0	1	2	5	7
	25. Without Mental Disorder	8	1	9	30	1	31	—	—	—	1	0	1
	Total 1-22	1,221	1,433	2,654	644	835	1,479	453	458	911	5,690	5,777	11,467
	Total 23-25	375	233	608	209	137	346	57	42	99	2,072	1,932	4,004
	GRAND TOTAL	1,596	1,666	3,262	853	972	1,825	510	500	1,010	7,762	7,709	15,471

*Includes patients boarding out.

TABLE No. 7

PLACE OF RESIDENCE (COUNTY OR DISTRICT) OF FIRST ADMISSIONS, RE-ADMISSIONS AND PATIENTS IN RESIDENCE

COUNTY OR DISTRICT	FIRST ADMISSIONS			RE-ADMISSIONS			PATIENTS IN RESIDENCE*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Algoma	11	11	22	4	3	7	125	102	227
Brant	11	29	40	4	9	13	92	110	202
Bruce	8	17	25	2	5	7	63	81	144
Carleton	46	70	116	3	15	18	368	487	855
Cochrane	25	12	37	4	5	9	169	88	257
Dufferin	2	3	5	0	0	0	19	36	55
Dundas	1	9	10	1	2	3	23	27	50
Durham	5	10	15	5	4	9	51	54	105
Elgin	17	16	33	4	5	9	75	83	158
Essex	54	45	99	18	20	38	300	293	593
Frontenac	24	20	44	5	4	9	146	109	255
Glengarry	3	3	6	1	2	3	56	38	94
Grenville	3	5	8	0	2	2	42	43	85
Grey	24	17	41	4	7	11	130	94	224
Haldimand	8	8	16	0	2	2	44	29	73
Haliburton	0	2	2	0	1	1	9	6	15
Halton	9	13	22	3	1	4	49	47	96
Hastings	33	21	54	8	5	13	152	129	281
Huron	11	12	23	5	4	9	63	76	139
Kenora	7	2	9	2	3	5	48	23	71
Kent	22	27	49	7	8	15	137	114	251
Lambton	21	12	33	6	5	11	116	98	214
Lanark	13	16	29	7	6	13	74	66	140
Leeds	14	8	22	12	4	16	81	97	178
Lennox and Addington	11	9	20	1	2	3	40	50	90
Lincoln	20	22	42	7	7	14	111	100	211
Manitoulin	0	2	2	0	0	0	5	16	21
Middlesex	49	48	97	21	22	43	263	326	589
Muskoka	10	5	15	0	1	1	37	49	86
Nipissing	19	12	31	5	1	6	181	74	255
Norfolk	12	12	24	4	3	7	60	56	116
Northumberland	10	8	18	3	3	6	55	55	110
Ontario	24	26	50	9	14	23	102	100	202
Oxford	16	20	36	2	4	6	80	82	162
Parry Sound	7	10	17	0	1	1	80	71	151
Peel	11	7	18	2	3	5	41	59	100
Perth	17	10	27	2	7	9	81	93	174
Peterborough	19	19	38	3	8	11	60	87	147
Prescott	2	3	5	0	3	3	60	64	124
Prince Edward	5	9	14	1	4	5	37	29	66
Rainy River	8	1	9	1	1	2	32	25	57
Renfrew	11	11	22	1	3	4	109	117	226
Russell	6	4	10	1	2	3	57	29	86
Simcoe	16	29	45	5	13	18	210	213	423
Stormont	10	14	24	4	3	7	69	67	136
Sudbury	26	11	37	2	2	4	163	95	258
Temiskaming	24	14	38	2	0	2	136	56	192
Thunder Bay	44	12	56	13	5	18	259	120	379
Victoria	15	11	26	4	5	9	60	45	105
Waterloo	17	35	52	6	8	14	131	175	306
Welland	40	26	66	4	10	14	138	147	285
Wellington	21	14	35	7	6	13	136	105	241
Wentworth	81	90	171	21	24	45	448	436	884
York	306	377	683	103	115	218	2,004	2,408	4,412
Patricia	0	0	0	0	0	0	0	1	1
Other Provinces	16	2	18	1	0	1	50	13	63
Other Countries	0	3	3	0	0	0	6	9	15
Unascertained	11	0	11	0	0	0	29	7	36
TOTAL	1,256	1,264	2,520	340	402	742	7,762	7,709	15,471

*Includes Patients Boarding-out.

TABLE No. 8

RELIGION OF FIRST ADMISSIONS AND PATIENTS IN RESIDENCE

RELIGION	First Admissions			In Residence‡		
	Male	Female	Total	Male	Female	Total
Baptist	58	73	131	315	387	702
Church of England	218	277	495	1,288	1,594	2,882
Hebrew	18	35	53	159	195	354
Presbyterian	133	142	275	842	931	1,773
Roman Catholic	309	241	550	2,263	1,678	3,941
United Church	285	319	604	1,393	1,669	3,062
Lutheran	32	5	37	155	60	215
Greek Catholic	2	0	2	99	81	180
Salvation Army	2	1	3	15	6	21
Other Denominations	123	134	257	850	786	1,636
Unascertained	76	37	113	383	322	705
TOTAL	1,256	1,264	2,520	7,762	7,709	15,471

‡Includes Patients Boarding-out.

CHURCH SERVICES	Number Held	Attendance		
		Male	Female	Total
Protestant	672	84,437	85,882	170,319
Catholic	509	18,999	28,027	47,026

TABLE No. 9

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10-14			15-19			20-24			25-29			30-34			35-39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	435	93	528							0	1	1	0	2	2	6	3	9	10	11	21	31	10	41
	02. With other forms of Syphilis	19	9	28										1	2	3				1	0	1	0	1	1
	03. With Epidemic Encephalitis	23	11	34							1	0	1				3	2	5	1	2	3	3	2	5
	04. With other Infectious Diseases	2	8	10										0	3	3				1	1	2	0	2	2
	05. Alcoholic Psychoses	63	10	73																5	1	6	2	1	3
	06a. Due to Opium and Other Drugs	0	6	6																			0	1	1
	06b. Due to other Exogenous Toxins	2	1	3																					
	07. Traumatic Psychoses	14	4	18																2	0	2	2	1	3
	08. With Cerebral Arteriosclerosis	238	211	449																					
	09. With other Disturbances of Circulation	8	11	19																					
	10. With Convulsive Disorders (Epilepsy)	175	171	346				0	2	2	2	3	5	16	4	20	13	9	22	19	17	36	14	24	38
	11. Senile Psychoses	191	310	501																					
	12. Involutional Psychoses	62	178	240																					
	13. Due to other Metabolic, etc. Diseases	8	43	51													0	3	3	0	5	5	0	5	5
	14. Due to New Growth	3	3	6																1	0	1	1	0	1
	15. With Organic Changes of Nervous System	28	24	52										1	0	1	3	1	4	5	2	7	1	4	5
	16. Psychoneuroses	37	84	121										1	1	2	4	8	12	0	9	9	6	9	15
	17. Manic-Depressive Psychoses	443	597	1,040							2	5	7	6	7	13	11	24	35	28	25	53	22	50	72
	18. Dementia Praecox (Schizophrenia)	3,508	3,537	7,045							26	16	42	105	93	198	264	159	423	386	265	651	442	371	813
	19. Paranoia and Paranoid Conditions	97	124	221													0	1	1	3	2	5	1	2	3
	20. With Psychopathic Personality	15	12	27										2	1	3	0	1	1	1	2	3	1	2	3
	21. With Mental Deficiency	308	299	607				1	0	1	8	3	11	15	11	26	21	23	44	35	40	75	38	29	67
	22. Undiagnosed Psychoses	11	31	42										0	3	3	1	3	4	1	2	3	2	1	3
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	70	47	117				2	0	2	16	6	22	7	6	13	5	4	9	7	8	15	4	6	10
	231b. Epileptics who are Feebleminded	217	230	447	9	8	17	15	12	27	42	29	71	44	37	81	23	33	56	22	31	53	18	27	45
	232. Alcoholism	24	2	26													1	0	1	3	1	4	4	0	4
	233. Drug Addiction	5	0	5													1	0	1				1	0	1
	234. Mental Deficiency	1,728	1,642	3,370	123	83	206	229	144	373	289	271	560	267	255	522	188	191	379	142	152	294	123	136	259
	235. Disorders of Personality	3	1	4										1	0	1				1	0	1	1	0	1
	236. Psychopathic Personality	19	2	21							1	0	1	4	0	4	4	0	4	4	0	4			
	237. Other Non-Psychotic Conditions	3	3	6										1	0	1	1	0	1						
	24. Primary Behaviour Disorders	2	5	7													1	0	1	1	0	1	0	1	1
	25. Without Mental Disorder	1	0	1																					
	Total 1-22	5,690	5,777	11,467				1	2	3	39	28	67	147	127	274	326	237	563	499	384	883	566	515	1,081
	Total 23-25	2,072	1,932	4,004	132	91	223	246	156	402	348	306	654	324	298	622	224	228	452	180	192	372	151	170	321
	GRAND TOTAL	7,762	7,709	15,471	132	91	223	247	158	405	387	334	721	471	425	896	550	465	1,015	679	576	1,255	717	685	1,402

TABLE No. 9—(Continued)
PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40-44			45-49			50-54			55-59			60-64			65-69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	63	18	81	89	18	107	77	8	85	67	11	78	49	7	56	33	3	36	8	1	9	2	0	2
	02. With other forms of Syphilis	2	2	4	5	1	6	5	0	5	2	2	4	2	0	2	1	1	2						
	03. With Epidemic Encephalitis	5	2	7	4	1	5	5	1	6	0	1	1	1	0	1									
	04. With other Infectious Diseases	0	1	1				0	1	1	1	0	1												
	05. Alcoholic Psychoses	6	1	7	14	1	15	8	0	8	7	0	7	5	3	8	10	1	11	6	2	8			
	06a. Due to Opium and Other Drugs	0	1	1	0	1	1	0	2	2										0	1	1			
	06b. Due to other Exogenous Toxins	2	0	2										0	1	1									
	07. Traumatic Psychoses	0	1	1	0	1	1	2	1	3	3	0	3	2	0	2				3	0	3			
	08. With Cerebral Arteriosclerosis				0	1	1	8	6	14	13	11	24	34	23	57	51	55	106	132	115	247			
	09. With other Disturbances of Circulation	1	0	1	0	1	1	1	3	4	3	3	6	2	2	4	0	1	1	1	1	2			
	10. With Convulsive Disorders (Epilepsy)	22	20	42	20	22	42	24	23	47	16	24	40	10	11	21	11	6	17	8	6	14			
	11. Senile Psychoses							0	1	1	0	1	1	9	2	11	27	38	65	155	267	422	0	1	1
	12. Involutional Psychoses	0	4	4	1	21	22	7	28	35	12	45	57	14	40	54	19	22	41	9	18	27			
	13. Due to other Metabolic, etc. Diseases	0	4	4	2	6	8	1	2	3	2	8	10	1	6	7	1	1	2	1	3	4			
	14. Due to New Growth	1	0	1				0	1	1				0	2	2									
	15. With Organic Changes of Nervous System	1	1	2	3	3	6	4	4	8	4	5	9	3	1	4	1	1	2	2	2	4			
	16. Psychoneuroses	4	6	10	6	11	17	4	11	15	1	14	15	5	6	11	4	4	8	2	5	7			
	17. Manic-Depressive Psychoses	47	44	91	38	71	109	58	79	137	51	85	136	68	66	134	60	63	123	52	76	128	0	2	2
	18. Dementia Praecox (Schizophrenia)	482	426	908	460	505	965	404	435	839	345	408	753	276	337	613	167	240	407	147	277	424	4	5	9
	19. Paranoia and Paranoid Conditions	13	3	16	19	15	34	12	26	38	17	24	41	12	15	27	7	21	28	13	15	28			
	20. With Psychopathic Personality	3	1	4	2	0	2	0	3	3	2	1	3	1	0	1	2	0	2	1	1	2			
	21. With Mental Deficiency	39	42	81	37	35	72	30	30	60	31	24	55	31	29	60	11	18	29	11	15	26			
	22. Undiagnosed Psychoses	2	7	9	1	4	5	1	5	6	0	1	1	1	5	6	2	0	2						
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	5	4	9	4	3	7	3	3	6	2	2	4	2	3	5	7	2	9	6	0	6			
	231b. Epileptics who are Feebleminded	21	12	33	5	23	28	11	8	19	5	6	11	1	3	4	0	1	1	1	0	1			
	232. Alcoholism	2	0	2	4	1	5	2	0	2	3	0	3	4	0	4	1	0	1						
	233. Drug Addiction				2	0	2	1	0	1															
	234. Mental Deficiency	88	115	203	78	81	159	75	68	143	45	62	107	42	42	84	26	19	45	11	23	34	2	0	2
	235. Disorders of Personality										0	1	1												
	236. Psychopathic Personality	1	0	1	1	0	1				1	1	2				1	1	2	2	0	2			
	237. Other Non-Psychotic Conditions	0	2	2							1	0	1	0	1	1									
	24. Primary Behaviour Disorders										0	1	1							0	3	3			
	25. Without Mental Disorder				1	0	1																		
	TOTAL 1-22	693	584	1,277	701	718	1,419	651	670	1,321	577	668	1,245	526	556	1,082	407	475	882	551	805	1,356	6	8	14
	TOTAL 23-25	117	133	250	95	108	203	92	79	171	57	73	130	49	49	98	35	23	58	20	26	46	2	0	2
	GRAND TOTAL	810	717	1,527	796	826	1,622	743	749	1,492	634	741	1,375	575	605	1,180	442	498	940	571	831	1,402	8	8	16

TABLE No. 10

PATIENTS IN RESIDENCE BY AGE

AGE	Male	Female	TOTAL	AGE	Male	Female	TOTAL
Under 1	—	—	—	29	106	98	204
1	1	1	2	30	110	90	200
2	3	1	4	31	149	117	266
3	2	2	4	32	161	134	295
4	6	10	16	33	133	128	261
5	15	6	21	34	126	107	233
6	16	8	24	35	155	148	303
7	27	24	51	36	159	125	284
8	31	19	50	37	129	127	256
9	31	20	51	38	129	146	275
10	41	28	69	39	145	139	284
11	34	26	60	40	155	153	308
12	45	24	69	41	163	152	315
13	63	29	92	42	159	133	292
14	64	51	115	43	181	149	330
15	73	60	133	44	152	130	282
16	63	74	137	45	214	184	398
17	86	75	161	46	187	199	386
18	71	65	136	47	141	152	293
19	94	60	154	48	114	141	255
20	103	91	194	49	140	150	290
21	92	89	181	50	133	135	268
22	90	75	165	51	169	160	329
23	98	93	191	52	137	116	253
24	88	77	165	53	168	181	349
25	102	106	208	54	136	157	293
26	102	80	182	55	138	162	300
27	119	88	207	56	126	162	288
28	121	93	214	57	142	162	304

TABLE No. 10 (cont.)
PATIENTS IN RESIDENCE BY AGE (cont.)

AGE	Male	Female	TOTAL	AGE	Male	Female	TOTAL
58	106	133	239	80	21	38	59
59	122	122	244	81	20	31	51
60	120	125	245	82	17	26	43
61	111	121	232	83	15	17	32
62	130	136	266	84	7	15	22
63	124	120	244	85	11	16	27
64	90	103	193	86	6	10	16
65	100	97	197	87	6	11	17
66	109	123	232	88	7	6	13
67	80	90	170	89	2	6	8
68	82	84	166	90	5	1	6
69	71	104	175	91	1	3	4
70	65	104	169	92	1	5	6
71	58	70	128	93	—	1	1
72	64	82	146	94	—	2	2
73	45	71	116	95	—	—	—
74	51	65	116	96	—	—	—
75	40	62	102	97	—	—	—
76	36	52	88	98	—	1	1
77	36	50	86	99	—	—	—
78	30	49	79	100+	—	1	1
79	27	36	63	Unascert.	8	8	16
				TOTALS	7,762	7,709	15,471

TABLE No. 11
PATIENTS IN RESIDENCE BY HOSPITAL AND AGE*

AGE GROUP (YEARS)	TOTAL			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF			LONDON		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15	379	249	628	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15–19	387	334	721	4	1	5	—	26	26	2	—	2	12	10	22	8	5	13	—	—	—	19	7	26
20–24	471	425	896	14	15	29	—	66	66	5	—	5	43	28	71	28	4	32	6	—	6	22	25	47
25–29	550	465	1,015	29	33	62	—	52	52	9	—	9	45	29	74	40	26	66	17	—	17	30	27	57
30–34	679	576	1,255	53	31	84	—	52	52	15	—	15	69	54	123	34	22	56	26	—	26	58	46	104
35–39	717	685	1,402	54	49	103	—	47	47	8	—	8	78	75	153	56	33	89	46	—	46	81	75	156
40–44	810	717	1,527	63	64	127	—	41	41	12	—	12	89	71	160	58	54	112	68	—	68	75	81	156
45–49	796	826	1,622	78	83	161	—	27	27	14	—	14	84	105	189	64	80	144	62	—	62	90	93	183
50–54	743	749	1,492	57	62	119	—	38	38	11	—	11	99	89	188	60	90	150	56	—	56	99	86	185
55–59	634	741	1,375	56	74	130	—	42	42	8	—	8	93	81	174	72	56	128	54	—	54	77	88	165
60–64	575	605	1,180	59	48	107	—	47	47	8	—	8	83	72	155	57	75	132	41	—	41	80	79	159
65–69	442	498	940	43	34	77	—	33	33	6	—	6	51	58	109	39	55	94	19	—	19	62	68	130
70 and Over	571	831	1,402	51	74	125	—	54	54	18	—	18	84	137	221	47	69	116	27	—	27	99	114	213
Not Stated	8	8	16	1	2	3	—	4	4	—	—	—	4	—	4	—	—	—	—	—	—	—	—	—
ALL AGES	7,762	7,709	15,471	562	570	1,132	—	529	529	116	—	116	834	809	1,643	563	569	1,132	422	—	422	792	789	1,581

*Includes patients boarding out.

TABLE No. 11—(Continued)

PATIENTS IN RESIDENCE BY HOSPITAL AND AGE*

AGE GROUP (YEARS)	NEW TORONTO			ORILLIA			PENETANG			ST. THOMAS			TORONTO			WHITBY			WOODSTOCK		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15	—	—	—	373	245	618	—	1	1	—	—	—	—	—	—	—	—	—	6	3	9
15–19	10	8	18	262	228	490	24	7	31	—	1	1	8	6	14	7	5	12	31	30	61
20–24	33	31	64	196	168	364	36	15	51	—	4	4	16	15	31	25	23	48	47	31	78
25–29	72	46	118	121	103	224	58	37	95	2	17	19	27	22	49	51	33	84	49	40	89
30–34	80	64	144	70	85	155	64	29	93	5	20	25	45	42	87	92	65	157	68	66	134
35–39	70	86	156	48	57	105	53	41	94	5	27	32	71	54	125	85	67	152	62	74	136
40–44	106	88	194	35	42	77	38	36	74	8	35	43	73	55	128	103	93	196	82	57	139
45–49	93	100	193	21	33	54	32	24	56	9	46	55	100	62	162	92	101	193	57	72	129
50–54	59	81	140	21	26	47	28	24	52	6	48	54	82	66	148	91	96	187	74	43	117
55–59	56	71	127	8	21	29	14	22	36	10	54	64	51	66	117	85	107	192	50	59	109
60–64	53	53	106	8	19	27	11	8	19	8	31	39	60	53	113	63	81	144	44	39	83
65–69	53	56	109	4	10	14	3	6	9	4	20	24	55	53	108	63	83	146	40	22	62
70 and Over	46	61	107	1	9	10	7	6	13	3	20	23	62	109	171	82	134	216	44	44	88
Not Stated	—	—	—	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	1	2	3
ALL AGES	731	745	1,476	1,169	1,046	2,215	369	256	625	60	323	383	650	603	1,253	839	888	1,727	655	582	1,237

*Includes patients boarding out.

TABLE No. 12

PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	ALL HOSPITALS			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	435	93	528	45	13	58	0	2	2	10	0	10	63	16	79	31	4	35	4	0	4
	02. With other forms of Syphilis	19	9	28	4	2	6										1	0	1			
	03. With Epidemic Encephalitis	23	11	34	3	0	3							4	1	5	3	0	3	1	0	1
	04. With other Infectious Diseases	2	8	10													1	0	1			
	05. Alcoholic Psychoses	63	10	73	4	3	7				2	0	2	8	0	8	2	0	2	5	0	5
	06.a Due to Opium and Other Drugs	0	6	6																		
	06b. Due to other Exogenous Toxins	2	1	3										1	1	2						
	07. Traumatic Psychoses	14	4	18	2	1	3							2	1	3				1	0	1
	08. With Cerebral Arteriosclerosis	238	211	449	25	15	40	0	6	6	9	0	9	49	72	121	11	8	19	3	0	3
	09. With other Disturbances of Circulation	8	11	19	0	1	1							0	2	2	5	0	5			
	10. With Convulsive Disorders (Epilepsy)	175	171	346	2	2	4				2	0	2	6	2	8	7	5	12			
	11. Senile Psychoses	191	310	501	18	28	46	0	6	6	15	0	15	9	27	36	18	33	51	2	0	2
	12. Involutional Psychoses	62	178	240	6	15	21	0	4	4				14	22	36	6	8	14	1	0	1
	13. Due to other Metabolic, etc. Diseases	8	43	51	0	6	6							1	7	8	0	1	1			
	14. Due to New Growth	3	3	6													0	2	2			
	15. With Organic Changes of Nervous System	28	24	52	1	1	2							4	8	12	3	3	6	1	0	1
	16. Psychoneuroses	37	84	121	1	11	12							12	20	32	6	10	16	2	0	2
	17. Manic-Depressive Psychoses	443	597	1,040	28	70	98	0	11	11	6	0	6	45	84	129	51	52	103	18	0	18
	18. Dementia Praecox (Schizophrenia)	3,508	3,537	7,045	339	320	659	0	173	173	47	0	47	462	446	908	260	308	568	278	0	278
	19. Paranoia and Paranoid Conditions	97	124	221	3	7	10	0	3	3	5	0	5	5	7	12	15	35	50	8	0	8
	20. With Psychopathic Personality	15	12	27	1	0	1	0	3	3				6	0	6	0	2	2	1	0	1
	21. With Mental Deficiency	308	299	607	34	29	63	0	26	26	3	0	3	48	36	84	42	51	93	34	0	34
	22. Undiagnosed Psychoses	11	31	42				0	1	1				0	2	2	0	1	1	3	0	3
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	70	47	117	0	1	1							3	1	4	1	0	1			
	231b. Epileptics who are Feebleminded	217	230	447				0	4	4	1	0	1				2	0	2			
	232. Alcoholism	24	2	26	3	0	3							1	0	1	5	0	5			
	233. Drug Addiction	5	0	5	2	0	2							1	0	1						
	234. Mental Deficiency	1,728	1,642	3,370	40	45	85	0	290	290	15	0	15	84	51	135	88	45	133	60	0	60
	235. Disorders of Personality	3	1	4							1	0	1				0	1	1			
	236. Psychopathic Personality	19	2	21										6	1	7	3	0	3			
	237. Other Non-Psychotic Conditions	3	3	6	1	0	1															
	24. Primary Behaviour Disorders	2	5	7										0	2	2	2	0	2			
	25. Without Mental Disorder	1	0	1																		
	Total 1-22	5,690	5,777	11,467	516	524	1,040	0	235	235	99	0	99	739	754	1,493	462	523	985	362	0	362
	Total 23-25	2,072	1,932	4,004	46	46	92	0	294	294	17	0	17	95	55	150	101	46	147	60	0	60
	GRAND TOTAL	7,762	7,709	15,471	562	570	1,132	0	529	529	116	0	116	834	809	1,643	563	569	1,132	422	0	422

TABLE No. 12—(Continued)

PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	LONDON			NEW TORONTO			ORILLIA			PENETANG			ST. THOMAS			TORONTO			WHITBY			WOODSTOCK		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	62	8	70	34	10	44				2	0	2	1	4	5	117	29	146	46	5	51	20	2	22
	02. With other forms of Syphilis	0	3	3	1	0	1	1	0	1				0	1	1	7	2	9	4	0	4	1	1	2
	03. With Epidemic Encephalitis	3	3	6	3	2	5				1	0	1				1	1	2	2	2	4	2	2	4
	04. With other Infectious Diseases	0	3	3	0	1	1							0	1	1	0	2	2	0	1	1	1	0	1
	05. Alcoholic Psychoses	4	1	5	10	1	11				0	1	1	1	1	2	10	2	12	14	1	15	3	0	3
	06.a Due to Opium and Other Drugs	0	2	2	0	4	4																		
	06b. Due to other Exogenous Toxins	1	0	1																					
	07. Traumatic Psychoses	1	1	2							2	0	2				3	0	3	2	1	3	1	0	1
	08. With Cerebral Arteriosclerosis	34	26	60	30	16	46				4	0	4	0	2	2	37	49	86	26	14	40	10	3	13
	09. With other Disturbances of Circulation													0	1	1	0	1	1	2	6	8	1	0	1
	10. With Convulsive Disorders (Epilepsy)	12	5	17	0	2	2	1	0	1	11	1	12	0	4	4	2	6	8	3	2	5	129	142	271
	11. Senile Psychoses	27	41	68	41	55	96				3	4	7	0	2	2	20	46	66	34	61	95	4	7	11
	12. Involutional Psychoses	4	18	22	1	20	21				0	1	1	0	6	6	7	13	20	19	62	81	4	9	13
	13. Due to other Metabolic, etc. Diseases	2	11	13							0	2	2				4	8	12	1	7	8	0	1	1
	14. Due to New Growth	0	1	1	1	0	1													2	0	2			
	15. With Organic Changes of Nervous System	4	4	8	0	1	1				1	0	1				8	5	13	5	1	6	1	1	2
	16. Psychoneuroses	0	11	11	2	2	4				0	2	2	0	6	6	5	11	16	5	11	16	4	0	4
	17. Manic-Depressive Psychoses	67	100	167	84	67	151				26	15	41	5	29	34	42	49	91	60	108	168	11	12	23
	18. Dementia Praecox (Schizophrenia)	439	455	894	428	477	905	0	1	1	175	132	307	38	229	267	289	310	599	527	508	1,035	226	178	404
	19. Paranoia and Paranoid Conditions	15	8	23	15	8	23				7	3	10	3	4	7	7	6	13	12	43	55	2	0	2
	20. With Psychopathic Personality	2	3	5	1	0	1				2	0	2				0	1	1	1	2	3	1	1	2
	21. With Mental Deficiency	48	29	77	12	12	24	2	15	17	16	9	25	2	16	18	32	38	70	24	28	52	11	10	21
	22. Undiagnosed Psychoses	6	13	19	0	10	10				0	1	1				2	3	5						
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	1	0	1													1	1	2	2	0	2	62	44	106
	231b. Epileptics who are Feebleminded	1	0	1				89	88	177	3	1	4	0	2	2	2	1	3				119	134	253
	232. Alcoholism	1	0	1													1	0	1	13	2	15			
	233. Drug Addiction																			2	0	2			
	234. Mental Deficiency	55	43	98	65	57	122	1,076	912	2,018	111	84	195	10	14	24	51	18	69	31	18	49	42	35	77
	235. Disorders of Personality										2	0	2												
	236. Psychopathic Personality	3	0	3	3	0	3				3	0	3				1	0	1	0	1	1			
	237. Other Non-Psychotic Conditions																1	1	2	1	2	3			
	24. Primary Behaviour Disorders													0	1	1				0	2	2			
	25. Without Mental Disorder																			1	0	1			
	Total 1-22	731	746	1,477	663	688	1,351	4	16	20	250	171	421	50	306	356	593	582	1,175	789	863	1,652	432	369	801
	Total 23-25	61	43	104	68	57	125	1,165	1,030	2,195	119	85	204	10	17	27	57	21	78	50	25	75	223	213	436
	GRAND TOTAL	792	789	1,581	731	745	1,476	1,169	1,046	2,215	369	256	625	60	323	383	650	603	1,253	839	888	1,727	655	582	1,237

TABLE No. 13
METHOD OF ADMISSION BY HOSPITAL

	METHOD OF ADMISSION	ALL HOSPITALS			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
FIRST ADMISSIONS	Voluntary Application	65	36	101	3	2	5	—	—	—	6	—	6	13	4	17	2	—	2	—	—	—
	Two Physicians' Certificates	878	1,122	2,000	55	94	149	—	19	19	19	—	19	166	231	397	71	84	155	—	—	—
	Warrant of Deputy Minister	211	62	273	4	1	5	—	—	—	42	—	42	27	8	35	7	1	8	—	—	—
	Warrant of Lieutenant-Governor	25	24	49	1	—	1	—	—	—	—	—	—	4	2	6	1	—	1	—	—	—
	Order of Magistrate	45	4	49	—	—	—	—	—	—	—	—	—	4	—	4	11	—	11	—	—	—
	Warrant of Minister of Justice	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Warrant of Deputy Minister for Person Deported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Voluntary	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Temporary Commitment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Warrant of Deputy Minister for Removal	14	5	19	1	—	1	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
	Inspector's Warrant	15	10	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	TOTALS	1,256	1,264	2,520	64	97	161	—	19	19	67	—	67	214	245	459	92	86	178	—	—	—
RE-ADMISSIONS	Voluntary Application	41	62	103	1	2	3	—	—	—	1	—	1	4	6	10	1	1	2	—	—	—
	Two Physicians' Certificates	209	313	522	14	26	40	—	3	3	4	—	4	40	60	100	17	22	39	—	—	—
	Warrant of Deputy Minister	61	21	82	—	—	—	—	—	—	11	—	11	8	4	12	4	—	4	—	—	—
	Warrant of Lieutenant-Governor	7	1	8	—	—	—	—	1	1	—	—	—	1	—	1	—	—	—	—	—	—
	Order of Magistrate	7	1	8	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—
	Warrant of Minister of Justice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Warrant of Deputy Minister for Person Deported	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Voluntary	2	—	2	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
	Habitue-Temporary Commitment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Warrant of Deputy Minister for Removal	8	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Inspector's Warrant	4	4	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	TOTALS	340	402	742	15	28	43	—	4	4	16	—	16	54	70	124	24	23	47	—	—	—

TABLE No. 13—(Continued)

METHOD OF ADMISSION BY HOSPITAL

	METHOD OF ADMISSION	LONDON			NEW TORONTO			ORILLIA			PENETANG			ST. THOMAS			TORONTO			WHITBY			WOODSTOCK		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
FIRST ADMISSIONS	Voluntary Application	13	9	22	3	3	6	—	—	—	—	—	—	—	—	—	—	—	—	25	18	43	—	—	—
	Two Physicians' Certificates	156	170	326	34	79	113	107	64	171	8	7	15	—	4	4	90	134	224	132	204	336	40	32	72
	Warrant of Deputy Minister	2	—	2	83	42	125	2	1	3	—	—	—	—	—	—	23	9	32	19	—	19	2	—	2
	Warrant of Lieutenant-Governor	1	—	1	1	—	1	9	17	26	2	—	2	—	—	—	4	4	8	1	1	2	1	—	1
	Order of Magistrate	23	2	25	—	—	—	3	—	3	—	—	—	—	—	—	—	—	—	4	2	6	—	—	—
	Warrant of Minister of Justice	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
	Warrant of Deputy Minister for Person Deported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Voluntary	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—
	Habitue-Temporary Commitment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Warrant of Deputy Minister for Removal	2	1	3	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	10	3	13	—	—	—
	Inspector's Warrant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	5	9	10	5	15	1	—	1
	TOTALS	197	182	379	122	124	246	121	82	203	12	7	19	—	4	4	121	152	273	202	234	436	44	32	76
RE-ADMISSIONS	Voluntary Application	11	15	26	1	5	6	—	—	—	—	—	—	—	—	—	—	1	1	21	32	53	1	—	1
	Two Physicians' Certificates	49	63	112	7	24	31	2	3	5	1	1	2	—	—	—	14	47	61	43	58	101	18	6	24
	Warrant of Deputy Minister	—	—	—	10	13	23	1	—	1	1	—	1	—	—	—	15	3	18	10	1	11	1	—	1
	Warrant of Lieutenant-Governor	—	—	—	1	—	1	1	—	1	1	—	1	—	—	—	1	—	1	2	—	2	—	—	—
	Order of Magistrate	5	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
	Warrant of Minister of Justice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Warrant of Deputy Minister for Person Deported	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Voluntary	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
	Habitue-Temporary Commitment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Habitue-Warrant of Deputy Minister for Removal	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	6	—	—	—
	Inspector's Warrant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	1	4	1	3	4	—	—	—
	TOTALS	67	78	145	20	42	62	4	3	7	3	1	4	—	—	—	33	52	85	84	95	179	20	6	26

TABLE No. 14
METHOD OF ADMISSION—FIRST AND RE-ADMISSIONS

METHOD OF ADMISSION	First Admissions			Re-Admissions		
	Male	Female	Total	Male	Female	Total
1. Voluntary Application (Sec. 19) (Form I)	65	36	101	41	62	103
2. Two Physicians' Certificates (Sec. 20) (Form 2, 3 or 26)	878	1,122	2,000	209	313	522
Mentally Ill (Form 2)	687	978	1,665	183	290	473
Mentally Defective (Form 3)	152	116	268	9	15	24
Epileptic (Form 26)	39	28	67	17	8	25
3. Warrant of Deputy Minister (Sec. 25-30) (Form 11)	211	62	273	61	21	82
4. Warrant of Lieutenant-Governor (Sec. 32)	25	24	49	7	1	8
5. Order of Magistrate (Sec. 35) (Form 16)	45	4	49	7	1	8
Certificated	20	3	23	4	1	5
Discharged to Court	25	1	26	3	–	3
6. Warrant of Minister of Justice (Under Penitentiary Act)	2	–	2	–	–	–
7. Warrant of Deputy Minister for person deported (Sec. 64) (Form 36)	–	–	–	1	–	1
8. Habitue—Voluntary (Sec. 46) (Form 20)	1	1	2	2	–	2
9. Habitue—Temporary Commitment—Two Physicians' Certificates, 30 days	–	–	–	–	–	–
(Sec. 52-53) (Form 25)	–	–	–	–	–	–
Certificated	–	–	–	–	–	–
Discharged	–	–	–	–	–	–
10. Habitue—Warrant of Deputy Minister for Removal (Sec. 47-51) (Form 24)	14	5	19	8	–	8
11. Inspector's Warrant—Sec. 9(3) Psy. Hosp. Act	15	10	25	4	4	8
Total	1,256	1,264	2,520	340	402	742

TABLE No. 15
ADMISSIONS BY PLACE OF BIRTH AND NATIVITY OF PARENTS

NATIVITY	First Admissions			Re-admissions			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Canadian Born	942	979	1,921	263	289	552	1,205	1,268	2,473
Canadian born parents	469	510	979	137	183	320	606	693	1,299
British born parents	174	198	372	42	40	82	216	238	454
Foreign born parents	53	42	95	18	13	31	71	55	126
Mixed parentage	105	119	224	34	31	65	139	150	289
Unknown parentage	141	110	251	32	22	54	173	132	305
British Born	150	178	328	38	78	116	188	256	444
Foreign Born	159	95	254	38	34	72	197	129	326
Unknown	5	12	17	1	1	2	6	13	19
TOTAL	1,256	1,264	2,520	340	402	742	1,596	1,666	3,262

TABLE No. 16
ADMISSIONS BY CITIZENSHIP

CITIZENSHIP	First Admissions			Re-admissions			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Canadian by Birth	942	979	1,921	263	289	552	1,205	1,268	2,473
British born who have resided in Canada five years or more	118	133	251	33	69	102	151	202	353
British born with less than five years residence in Canada	–	3	3	–	–	–	–	3	3
British born, length of residence unknown	31	45	76	5	10	15	36	55	91
Alien born (naturalized)	3	2	5	–	–	–	3	2	5
Alien born with five years or more residence in Canada	115	71	186	26	29	55	141	100	241
Alien born with less than five years residence	2	3	5	1	–	1	3	3	6
Alien born, duration of residence unknown	42	19	61	12	4	16	54	23	77
Not given	3	9	12	–	1	1	3	10	13
TOTAL	1,256	1,264	2,520	340	402	742	1,596	1,666	3,262

TABLE No. 17

FIRST ADMISSIONS BY AGE

AGE	Male	Female	TOTAL	AGE	Male	Female	TOTAL
Under 1	—	—	—	26	13	17	30
1	2	1	3	27	22	17	39
2	1	1	2	28	17	19	36
3	6	2	8	29	16	20	36
4	6	2	8	30	20	17	37
5	7	1	8	31	18	22	40
6	6	2	8	32	11	31	42
7	8	6	14	33	18	25	43
8	15	6	21	34	15	15	30
9	6	3	9	35	18	25	43
10	6	2	8	36	21	30	51
11	7	4	11	37	13	26	39
12	11	1	12	38	17	20	37
13	6	3	9	39	13	17	30
14	14	15	29	40	26	14	40
15	18	17	35	41	12	16	28
16	17	20	37	42	25	21	46
17	31	21	52	43	18	16	34
18	14	13	27	44	18	20	38
19	22	22	44	45	28	22	50
20	14	15	29	46	16	17	33
21	21	20	41	47	22	19	41
22	20	22	42	48	20	24	44
23	17	20	37	49	13	18	31
24	19	24	43	50	12	17	29
25	20	12	32	51	10	20	30

TABLE No. 17—(Continued)

FIRST ADMISSIONS BY AGE

AGE	Male	Female	TOTAL	AGE	Male	Female	TOTAL
52	10	17	27	77	14	7	21
53	23	18	41	78	20	18	38
54	21	16	37	79	7	11	18
55	13	7	20	80	16	17	33
56	15	17	32	81	7	7	14
57	13	20	33	82	11	14	25
58	18	17	35	83	19	20	39
59	12	15	27	84	10	7	17
60	12	12	24	85	8	12	20
61	8	14	22	86	4	3	7
62	13	6	19	87	4	2	6
63	15	12	27	88	2	1	3
64	18	8	26	89	2	1	3
65	22	15	37	90	5	—	5
66	8	16	24	91	1	—	1
67	12	18	30	92	—	1	1
68	16	17	33	93	—	1	1
69	13	13	26	94	—	3	3
70	14	10	24	95	—	—	—
71	8	10	18	96	—	1	1
72	15	15	30	97	—	—	—
73	18	16	34	98	—	1	1
74	16	12	28	99	—	—	—
75	11	21	32	100+	—	—	—
76	15	15	30	Unascert.	1	—	1
				TOTALS	1,256	1,264	2,520

TABLE No. 18

FIRST ADMISSIONS AND RE-ADMISSIONS BY AGE AND SEX

AGE GROUP	First Admissions			Re-Admissions			TOTAL ADMISSIONS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	57	24	81	–	–	–	57	24	81
10-14	44	25	69	1	1	2	45	26	71
15-19	102	93	195	10	9	19	112	102	214
20-24	91	101	192	29	20	49	120	121	241
25-29	88	85	173	29	31	60	117	116	233
30-34	82	110	192	45	47	92	127	157	284
35-39	82	118	200	44	46	90	126	164	290
40-44	99	87	186	44	46	90	143	133	276
45-49	99	100	199	32	53	85	131	153	284
50-54	76	88	164	26	46	72	102	134	236
55-59	71	76	147	27	39	66	98	115	213
60-64	66	52	118	23	32	55	89	84	173
65-69	71	79	150	8	16	24	79	95	174
70 and over	227	226	453	22	16	38	249	242	491
Not Stated	1	–	1	–	–	–	1	–	1
ALL AGES	1,256	1,264	2,520	340	402	742	1,596	1,666	3,262

TABLE No. 19

FIRST AND RE-ADMISSIONS BY DIAGNOSIS

DIAGNOSIS	FIRST ADMISSIONS			RE-ADMISSIONS		
	M.	F.	T.	M.	F.	T.
01 Psychoses with Syphilitic Meningo-Encephalitis (General Paresis)	72	20	92	14	3	17
02 Psychoses with other Forms of Syphilis of Central Nervous System	7	—	7	—	—	—
021 Meningo-vascular type (cerebral syphilis)	1	—	1	—	—	—
022 With intracranial gumma	—	—	—	—	—	—
023 Other types	6	—	6	—	—	—
03 Psychoses with Epidemic Encephalitis	1	3	4	1	—	1
04 Psychoses with other Infectious Diseases	2	2	4	—	—	—
041 With tuberculous meningitis	—	—	—	—	—	—
042 With meningitis (unspecified)	—	—	—	—	—	—
043 With acute chorea (Sydenham's)	—	—	—	—	—	—
044 With other infectious disease	2	1	3	—	—	—
045 Post-infectious psychoses	—	1	1	—	—	—
05 Alcoholic Psychoses	27	7	34	7	2	9
051 Pathological intoxication	3	—	3	1	—	1
052 Delirium tremens	7	2	9	—	—	—
053 Korsakow's psychosis	3	1	4	—	—	—
054 Acute hallucinosis	14	2	16	4	—	4
055 Other types	—	2	2	2	2	4
06 Psychoses due to Drugs or other Exogenous Poisons	—	8	8	1	1	2
061 Due to metals	—	—	—	—	—	—
062 Due to gases	—	—	—	—	—	—
063 Due to opium and derivatives	—	—	—	1	—	1
064 Due to other drugs	—	8	8	—	1	1
07 Traumatic Psychoses	3	2	5	—	—	—
071 Traumatic delirium	1	—	1	—	—	—
072 Post-traumatic personality disorders	1	1	2	—	—	—
073 Post-traumatic mental deteriorations	1	1	2	—	—	—
074 Other types	—	—	—	—	—	—
08 Psychoses with Cerebral Arteriosclerosis	147	114	261	5	7	12
09 Psychoses with other Disturbances of Circulation	7	14	21	—	2	2
091 With cerebral embolism	3	1	4	—	—	—
092 With cardio-renal disease	2	8	10	—	1	1
093 Other types	2	5	7	—	1	1
10 Psychoses with Convulsive Disorders (epilepsy)	16	13	29	8	4	12
101 Epileptic deterioration	5	4	9	4	2	6
102 Epileptic clouded states	3	1	4	2	–	2
103 other epileptic types	8	8	16	2	2	4
11 Senile Psychoses	142	168	310	8	4	12
111 Simple deterioration	119	140	259	6	1	7
112 Presbyophrenic type	2	4	6	—	—	—
113 Delirious and confused types	10	2	12	1	1	2
114 Depressed and agitated types	2	2	4	—	1	1
115 Paranoid types	9	20	29	1	1	2
12 Involutional Psychoses	32	77	109	8	23	31
121 Melancholia	29	61	90	5	21	26
122 Paranoid types	2	13	15	2	2	4
123 Other types	1	3	4	1	–	1
13 Psychoses due to other Metabolic, etc., Diseases	9	27	36	—	3	3
131 With diseases of the endocrine glands	1	1	2	—	1	1
132 Exhaustion delirium	1	5	6	—	—	—
133 Alzheimer's disease	2	3	5	—	—	—
134 With pellagra	—	1	1	—	—	—
135 With other somatic diseases	5	17	22	—	2	2
14 Psychoses due to New Growth	4	2	6	—	1	1
141 With intracranial neoplasms	3	1	4	—	1	1
142 With other neoplasms	1	1	2	—	—	—
15 Psychoses with Organic changes of Nervous System	6	9	15	—	—	—
151 With multiple sclerosis	2	—	2	—	—	—
152 With paralysis agitans	1	1	2	—	—	—
153 With Huntington's chorea	2	4	6	—	—	—
154 With other brain or nervous diseases	1	4	5	—	—	—

TABLE No. 19—(Continued)

FIRST AND RE-ADMISSIONS BY DIAGNOSIS

DIAGNOSIS	FIRST ADMISSIONS			RE-ADMISSIONS		
	M.	F.	T.	M.	F.	T.
16 **Psychoneuroses**	46	80	126	4	30	34
161 Hysteria (anxiety hysteria, conversion hysteria and sub groups)	3	13	16	—	3	3
162 Psychasthenia or compulsive states (and subgroups)	3	4	7	—	1	1
163 Neurasthenia	1	7	8	—	9	9
164 Hypochondriasis	2	5	7	—	2	2
165 Reactive depression (simple situational reaction, others)	22	32	54	3	5	8
166 Anxiety state	7	8	15	—	6	6
167 Mixed psychoneurosis	8	11	19	1	4	5
17 **Manic-Depressive Psychoses**	125	190	315	81	149	230
171 Manic type	53	72	125	41	68	109
172 Depressive type	51	69	120	26	50	76
173 Circular type	—	2	2	—	11	11
174 Mixed type	13	29	42	8	14	22
175 Perplexed type	2	8	10	—	2	2
176 Stuporous type	—	1	1	—	1	1
177 Other types	6	9	15	6	3	9
18 **Dementia Praecox (Schizophrenia)**	239	268	507	126	123	249
181 Simple type	28	15	43	9	3	12
182 Hebephrenic type	14	12	26	7	9	16
183 Catatonic type	81	106	187	63	39	102
184 Paranoid type	77	104	181	38	52	90
185 Other types	39	31	70	9	20	29
19 **Paranoia and Paranoid Conditions**	21	22	43	3	4	7
191 Paranoia	2	3	5	—	1	1
192 Paranoid conditions	19	19	38	3	3	6
20 **Psychoses with Psychopathic Personality**	6	3	9	2	1	3
21 **Psychoses with Mental Deficiency**	20	22	42	10	15	25
22 **Undiagnosed Psychoses**	10	10	20	1	—	1
23 **Without Psychoses**	293	197	490	61	29	90
231a Epileptics not psychotic or feebleminded	22	9	31	7	1	8
231b Epileptics who are feebleminded	19	12	31	8	6	14
231 Alcoholism	28	6	34	9	1	10
233 Drug Addiction	7	1	8	4	—	4
234 Mental Deficiency	197	155	352	28	19	47
234a Idiot	59	25	84	1	—	1
234b Imbecile	54	59	113	12	6	18
234c Moron	60	58	118	11	10	21
234d Grade unspecified	24	13	37	4	3	7
235 Disorders of personality due to epidemic encephalitis	2	1	3	2	—	2
236 Psychopathic personality	9	3	12	2	1	3
236a With pathological sexuality	2	1	3	—	—	—
236b With pathological emotionality	1	—	1	1	—	1
236c With asocial or amoral trends	3	1	4	—	1	1
236d Mixed types	3	1	4	1	—	1
237 Other Non-Psychotic Conditions	9	10	19	1	1	2
24 **Primary Behaviour Disorders**	13	5	18	—	1	1
241 Simple adult maladjustments	11	4	15	—	1	1
242 Primary behaviour disorders in children	2	1	3	—	—	—
242a Habit disturbance	—	—	—	—	—	—
242b Conduct disturbance	2	1	3	—	—	—
242c Neurotic traits	—	—	—	—	—	—
25 **Without Mental Disorder**	8	1	9	—	—	—
TOTAL 1-22	942	1,061	2,003	279	372	651
TOTAL 23-25	314	203	517	61	30	91
GRAND TOTAL	1,256	1,264	2,520	340	402	742

TABLE No. 20

FIRST ADMISSIONS BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	All Hospitals	Brock-ville	Cobourg	Fort William	Hamil-ton	King-ston	Lang-staff	London	New Toronto	Orillia	Pene-tang	St. Thomas	Toronto	Whitby	Wood-stock
With Psychosis	01. With Syphilitic Meningo-Encephalitis	92	7		3	17	7		10	7			1	37	3	
	02. With other forms of Syphilis	7					1							3	3	
	03. With Epidemic Encephalitis	4					1		1	2						
	04. With other Infectious Diseases	4	1						1						1	1
	05. Alcoholic Psychoses	34	5		5	3	2		6	8				3	1	1
	06a. Due to Opium and Other Drugs	2				1				1						
	06b. Due to other Exogenous Toxins	6	2			1			2						1	
	07. Traumatic Psychoses	5	1			2	1								1	
	08. With Cerebral Arteriosclerosis	261	14		6	96	12		52	5		2	1	42	30	1
	09. With other Disturbances of Circulation	21	3			6	1			1					10	
	10. With Convulsive Disorders (Epilepsy)	29			2	3			5					2	2	15
	11. Senile Psychoses	310	27		6	28	39		76	21		1		51	60	1
	12. Involutional Psychoses	109	3			17	10		11	1		1		5	60	1
	13. Due to other Metabolic, etc. Diseases	36	3			2	1		10	4		2		6	7	1
	14. Due to New Growth	6				1	2		1	1					1	
	15. With Organic Changes of Nervous System	15	1			5	1		3	1		2			2	
	16. Psychoneuroses	126	9		3	35	12		19	15			1	11	19	2
	17. Manic-Depressive Psychoses	315	20		10	64	11		63	58				27	61	1
	18. Dementia Praecox (Schizophrenia)	507	43		25	119	41		63	60		4	1	51	98	2
	19. Paranoia and Paranoid Conditions	43	2		3	2	4		5	8				6	13	
	20. With Psychopathic Personality	9				1			5	1		1		1		
	21. With Mental Deficiency	42	2	3		9	4		10	4		1		3	6	
	22. Undiagnosed Psychoses	20							8	9				3		
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	31				1								1	3	26
	231b. Epileptics who are Feebleminded	31				1			1		8			1		20
	232. Alcoholism	34	2			4	1		5	4				1	17	
	233. Drug Addiction	8	2			3	1								2	
	234. Mental Deficiency	353	12	16	3	24	17		20	23	195	5		17	17	4
	235. Disorders of Personality	3				1								1	1	
	236. Psychopathic Personality	12				3	2		2	3				1	1	
	237. Other Non-Psychotic Conditions	19	1							9					9	
	24. Primary Behaviour Disorders	17	1			10	2								4	
	25. Without Mental Disorder	9			1		5								3	
	Total 1-22	2,003	143	3	63	412	150		351	207		14	4	251	379	26
	Total 23-25	517	18	16	4	47	28		28	39	203	5	0	22	57	50
	Grand Total	2,520	161	19	67	459	178		379	246	203	19	4	273	436	76

TABLE No. 21

FIRST ADMISSIONS BY MARITAL STATUS AND DIAGNOSIS

		DIAGNOSIS	Single			Married			Widowed			Divorced			Separated			Unascertained			TOTAL		
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01.	With Syphilitic Meningo-Encephalitis	18	2	20	39	13	52	6	1	7	1	0	1	8	4	12				72	20	92
	02.	With other forms of Syphilis	1	0	1	4	0	4	1	0	1				1	0	1				7	0	7
	03.	With Epidemic Encephalitis	1	1	2	0	1	1				0	1	1							1	3	4
	04.	With other Infectious Diseases	1	0	1	1	2	3													2	2	4
	05.	Alcoholic Psychoses	15	0	15	8	5	13	0	2	2				4	0	4				27	7	34
	06a.	Due to Opium and Other Drugs				0	2	2													0	2	2
	06b.	Due to other Exogenous Toxins				0	5	5							0	1	1				0	6	6
	07.	Traumatic Psychoses	1	1	2	1	0	1	1	1	2										3	2	5
	08.	With Cerebral Arteriosclerosis	27	17	44	74	37	111	43	52	95	2	1	3	1	7	8				147	114	261
	09.	With other Disturbances of Circulation	2	2	4	5	9	14	0	1	1				0	2	2				7	14	21
	10.	With Convulsive Disorders (Epilepsy)	10	10	20	5	1	6				0	1	1	1	1	2				16	13	29
	11.	Senile Psychoses	23	40	63	55	34	89	58	94	152	2	0	2	3	0	3	1	0	1	142	168	310
	12.	Involutional Psychoses	9	14	23	21	48	69	2	12	14	0	1	1	0	2	2				32	77	109
	13.	Due to other Metabolic, etc. Diseases	1	5	6	6	16	22	1	6	7	1	0	1							9	27	36
	14.	Due to New Growth	1	0	1	2	2	4	1	0	1										4	2	6
	15.	With Organic Changes of Nervous System	3	1	4	2	7	9	1	1	2										6	9	15
	16.	Psychoneuroses	20	14	34	23	48	71	2	11	13	0	3	3	1	4	5				46	80	126
	17.	Manic-Depressive Psychoses	43	37	80	73	114	187	6	29	35	1	1	2	2	9	11				125	190	315
	18.	Dementia Praecox (Schizophrenia)	170	125	295	54	120	174	5	12	17	0	5	5	10	6	16				239	268	507
	19.	Paranoia and Paranoid Conditions	6	7	13	13	11	24	2	2	4	0	1	1	0	1	1				21	22	43
	20.	With Psychopathic Personality	4	0	4	2	1	3	0	1	1				0	1	1				6	3	9
	21.	With Mental Deficiency	17	12	29	3	8	11	0	2	2										20	22	42
	22.	Undiagnosed Psychoses	3	2	5	6	8	14	1	0	1										10	10	20
Without Psychosis	231a.	Epileptics not Psychotic or Feebleminded	19	3	22	2	4	6	0	1	1	1	0	1	0	1	1				22	9	31
	231b.	Epileptics who are Feebleminded	19	11	30	0	1	1													19	12	31
	232.	Alcoholism	9	1	10	18	5	23							1	0	1				28	6	34
	233.	Drug Addiction				6	1	7							1	0	1				7	1	8
	234.	Mental Deficiency	190	145	335	7	11	18													197	156	353
	235.	Disorders of Personality	2	1	3																2	1	3
	236.	Psychopathic Personality	6	1	7	3	2	5													9	3	12
	237.	Other Non-Psychotic Conditions	5	1	6	4	7	11	0	2	2										9	10	19
	24.	Primary Behaviour Disorders	6	1	7	5	3	8				1	0	1	1	0	1				13	4	17
	25.	Without Mental Disorder	4	0	4	4	1	5													8	1	9
		Total 1-22	376	290	666	397	492	889	130	227	357	7	14	21	31	38	69	1	0	1	942	1,061	2,003
		Total 23-25	260	164	424	49	35	84	0	3	3	2	0	2	3	1	4	–	–	–	314	203	517
		GRAND TOTAL	636	454	1,090	446	527	973	130	230	360	9	14	23	34	39	73	1	0	1	1,256	1,264	2,520

TABLE No. 22
FIRST ADMISSIONS BY AGE AND DIAGNOSIS

		DIAGNOSIS	TOTAL			AGE GROUP																				
						Under 10			10-14			15-19			20-24			25-29			30-34			35-39		
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01.	With Syphilitic Meningo-Encephalitis	72	20	92							1	0	1	1	0	1	1	0	1	5	4	9	7	4	11
	02.	With other forms of Syphilis	7	0	7																1	0	1			
	03.	With Epidemic Encephalitis	1	3	4							1	0	1										0	1	1
	04.	With other Infectious Diseases	2	2	4																1	0	1	0	1	1
	05.	Alcoholic Psychoses	27	7	34										2	0	2	1	0	1	3	2	5	3	1	4
	06a.	Due to Opium and Other Drugs	0	2	2																0	1	1			
	06b.	Due to other Exogenous Toxins	0	6	6																0	2	2			
	07.	Traumatic Psychoses	3	2	5							1	0	1							0	1	1	0	1	1
	08.	With Cerebral Arteriosclerosis	147	114	261																					
	09.	With other Disturbances of Circulation	7	14	21																			0	2	2
	10.	With Convulsive Disorders (Epilepsy)	16	13	29							0	1	1	2	2	4	2	1	3	4	4	8	1	2	3
	11.	Senile Psychoses	142	168	310																					
	12.	Involutional Psychoses	32	77	109																			0	1	1
	13.	Due to other Metabolic, etc. Diseases	9	27	36							0	1	1	0	2	2	0	4	4	1	2	3	0	2	2
	14.	Due to New Growth	4	2	6																0	1	1	1	0	1
	15.	With Organic Changes of Nervous System	6	9	15							0	1	1							1	1	2	0	1	1
	16.	Psychoneuroses	46	80	126							2	2	4	3	3	6	5	12	17	4	13	17	7	15	22
	17.	Manic-Depressive Psychoses	125	190	315				1	0	1	4	7	11	6	14	20	8	15	23	7	25	32	12	26	38
	18.	Dementia Praecox (Schizophrenia)	239	268	507							26	19	45	40	48	88	49	32	81	33	37	70	22	45	67
	19.	Paranoia and Paranoid Conditions	21	22	43													0	1	1	2	0	2	4	3	7
	20.	With Psychopathic Personality	6	3	9							1	0	1	0	1	1	2	0	2	1	1	2	1	0	1
	21.	With Mental Deficiency	20	22	42							6	2	8	0	4	4	1	6	7	2	3	5	3	1	4
	22.	Undiagnosed Psychoses	10	10	20							0	1	1	1	1	2	0	1	1				2	2	4
WITHOUT PSYCHOSIS	231a.	Epileptics not Psychotic or Feebleminded	22	9	31				1	0	1	9	2	11	3	1	4	0	1	1	3	1	4	2	2	4
	231b.	Epileptics who are Feebleminded	19	12	31	4	2	6	4	0	4	3	3	6	4	2	6	0	1	1	1	0	1	0	2	2
	232.	Alcoholism	28	6	34													4	0	4	2	2	4	7	0	7
	233.	Drug Addiction	7	1	8													1	0	1				2	0	2
	234.	Mental Deficiency	197	156	353	53	22	75	37	25	62	43	51	94	19	21	40	7	6	13	9	10	19	6	4	10
	235.	Disorders of Personality	2	1	3							1	0	1	0	1	1				1	0	1			
	236.	Psychopathic Personality	9	3	12							1	1	2	4	1	5	3	0	3				1	1	2
	237.	Other Non-Psychotic Conditions	9	10	19							1	1	2	1	0	1	1	2	3						
	24.	Primary Behaviour Disorders	13	4	17							2	1	3	3	0	3	2	2	4				1	1	2
	25.	Without Mental Disorder	8	1	9				1	0	1				2	0	2	1	1	2	1	0	1			
		Total 1-22	942	1,061	2,003				1	0	1	42	34	76	55	75	130	69	72	141	65	97	162	63	108	171
		Total 23-25	314	203	517	57	24	81	43	25	68	60	59	119	36	26	62	19	13	32	17	13	30	19	10	29
		GRAND TOTAL	1,256	1,264	2,520	57	24	81	44	25	69	102	93	195	91	101	192	88	85	173	82	110	192	82	118	200

TABLE No. 22—(Continued)
FIRST ADMISSIONS BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40-44			45-49			50-54			55-59			60-64			65-69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	12	3	15	17	6	23	7	0	7	6	0	6	9	1	10	5	0	5	0	2	2	1	0	1
	02. With other forms of Syphilis				2	0	2	2	0	2	2	0	2												
	03. With Epidemic Encephalitis										0	1	1	0	1	1									
	04. With other Infectious Diseases				0	1	1	1	0	1															
	05. Alcoholic Psychoses	5	1	6	9	2	11	2	0	2	1	0	1	0	1	1	1	0	1						
	06a. Due to Opium and Other Drugs				0	1	1																		
	06b. Due to other Exogenous Toxins				0	1	1	0	1	1	0	1	1							0	1	1			
	07. Traumatic Psychoses	1	0	1																1	0	1			
	08. With Cerebral Arteriosclerosis							6	3	9	10	8	18	22	17	39	29	29	58	80	57	137			
	09. With other Disturbances of Circulation				1	4	5	0	3	3	2	2	4	2	1	3	1	1	2	1	1	2			
	10. With Convulsive Disorders (Epilepsy)				1	1	2	1	1	2	1	1	2	1	0	1	2	0	2	1	0	1			
	11. Senile Psychoses							0	1	1	1	0	1	1	1	2	16	21	37	124	145	269			
	12. Involutional Psychoses	0	9	9	5	17	22	4	25	29	9	12	21	5	7	12	7	5	12	2	1	3			
	13. Due to other Metabolic, etc. Diseases	0	1	1	1	2	3	1	2	3	3	2	5	0	5	5	1	2	3	2	2	4			
	14. Due to New Growth							1	1	2				2	0	2									
	15. With Organic Changes of Nervous System	1	0	1	1	2	3				1	1	2	2	1	3	0	1	1	0	1	1			
	16. Psychoneuroses	9	7	16	7	9	16	1	5	6	2	10	12	4	2	6	1	0	1	1	2	3			
	17. Manic-Depressive Psychoses	21	23	44	17	23	40	17	16	33	9	18	27	10	7	17	3	9	12	10	7	17			
	18. Dementia Praecox (Schizophrenia)	28	27	55	14	14	28	17	19	36	7	12	19	2	6	8	0	5	5	1	4	5			
	19. Paranoia and Paranoid Conditions	3	1	4	3	5	8	3	6	9	4	2	6				1	2	3	1	2	3			
	20. With Psychopathic Personality				1	0	1													0	1	1			
	21. With Mental Deficiency	3	1	4	1	1	2	2	2	4	1	1	2	1	0	1	0	1	1						
	22. Undiagnosed Psychoses	1	1	2	2	2	4	2	1	3	1	0	1	0	1	1	1	0	1						
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	1	0	1	2	0	2	1	1	2							0	1	1						
	231b. Epileptics who are Feebleminded	2	1	3	0	1	1				1	0	1												
	232. Alcoholism	1	1	2	7	3	10	3	0	3	2	0	2	1	0	1	1	0	1						
	233. Drug Addiction	1	0	1	1	0	1	1	0	1	1	1	2												
	234. Mental Deficiency	5	9	14	6	3	9	3	0	3	5	4	9	4	0	4	0	1	1						
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions	2	2	4	1	2	3	0	1	1				0	1	1	2	1	3	1	0	1			
	24. Primary Behaviour Disorders	2	0	2							2	0	2							1	0	1			
	25. Without Mental Disorder	1	0	1				1	0	1										1	0	1			
	Total 1-22	84	74	158	82	91	173	67	86	153	60	71	131	61	51	112	68	76	144	224	226	450	1	0	1
	Total 23-25	15	13	28	17	9	26	9	2	11	11	5	16	5	1	6	3	3	6	3	0	3			
	GRAND TOTAL	99	87	186	99	100	199	76	88	164	71	76	147	66	52	118	71	79	150	227	226	453	1	0	1

TABLE No. 23

FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

	DIAGNOSIS	TOTAL			English			Irish			Scotch			French			German			Hebrew			Italian		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	72	20	92	18	7	25	8	2	10	8	2	10	9	3	12	3	0	3	1	0	1	1	0	1
	02. With other forms of Syphilis	7	0	7	3	0	3	3	0	3															
	03. With Epidemic Encephalitis	1	3	4	0	1	1							1	1	2									
	04. With other Infectious Diseases	2	2	4	1	2	3	1	0	1															
	05. Alcoholic Psychoses	27	7	34	8	3	11	1	2	3	2	1	3	8	1	9	1	0	1						
	06a. Due to Opium and Other Drugs	0	2	2	0	2	2																		
	06b. Due to other Exogenous Toxins	0	6	6	0	4	4	0	1	1	0	1	1												
	07. Traumatic Psychoses	3	2	5	0	2	2	2	0	2	1	0	1												
	08. With Cerebral Arteriosclerosis	147	114	261	68	63	131	24	21	45	24	12	36	6	5	11	6	4	10	2	2	4			
	09. With other Disturbances of Circulation	7	14	21	3	7	10	1	2	3	0	3	3	0	1	1	2	1	3						
	10. With Convulsive Disorders (Epilepsy)	16	13	29	7	10	17	0	1	1	2	1	3	3	1	4				1	0	1			
	11. Senile Psychoses	142	168	310	69	75	144	29	40	69	15	30	45	3	6	9	5	3	8	2	3	5	2	1	3
	12. Involutional Psychoses	32	77	109	15	38	53	10	10	20	3	10	13	1	2	3	2	5	7	0	3	3			
	13. Due to other Metabolic, etc. Diseases	9	27	36	3	13	16	0	5	5	1	5	6	2	2	4	1	0	1				1	0	1
	14. Due to New Growth	4	2	6	2	2	4	1	0	1															
	15. With Organic Changes of Nervous System	6	9	15	3	7	10				1	1	2				2	0	2						
	16. Psychoneuroses	46	80	126	18	47	65	9	10	19	4	10	14	2	3	5	2	1	3	0	4	4	1	0	1
	17. Manic-Depressive Psychoses	125	190	315	51	83	134	12	35	47	12	27	39	18	11	29	3	6	9	1	7	8	0	3	3
	18. Dementia Praecox (Schizophrenia)	239	268	507	87	111	198	29	37	66	22	30	52	18	22	40	10	11	21	2	8	10	2	7	9
	19. Paranoia and Paranoid Conditions	21	22	43	10	10	20	5	4	9	0	3	3				1	2	3						
	20. With Psychopathic Personality	6	3	9	2	3	5	1	0	1				1	0	1									
	21. With Mental Deficiency	20	22	42	8	12	20	2	3	5	3	0	3	2	3	5				1	1	2			
	22. Undiagnosed Psychoses	10	10	20	1	4	5	1	1	2	0	1	1	3	2	5									
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	22	9	31	6	4	10	4	2	6	4	2	6	3	0	3	2	0	2						
	231b. Epileptics who are Feebleminded	19	12	31	8	5	13	4	0	4	2	2	4	2	1	3	0	1	1						
	232. Alcoholism	·28	6	34	11	1	12	11	1	12	2	2	4	3	0	3									
	233. Drug Addiction	7	1	8	2	0	2	1	0	1	1	1	2	1	0	1							1	0	1
	234. Mental Deficiency	197	156	353	87	60	147	16	13	29	23	17	40	31	30	61	2	4	6	5	3	8	3	1	4
	235. Disorders of Personality	2	1	3	2	0	2																0	1	1
	236. Psychopathic Personality	9	3	12	5	2	7				1	0	1	1	0	1									
	237. Other Non-Psychotic Conditions	9	10	19	3		6				0	2	2	2	1	3				1	0	1	1	0	1
	24. Primary Behaviour Disorders	13	4	17	9	1	10				3	3	6												
	25. Without Mental Disorder	8	1	9	4	0	4	1	0	1	0	1	1												
	Total 1-22	942	1,061	2,003	377	506	883	139	174	313	98	137	235	77	63	140	38	33	71	10	28	38	7	11	18
	Total 23-25	314	203	517	137	76	213	37	16	53	36	30	66	43	32	75	4	5	9	6	3	9	5	2	7
	GRAND TOTAL	1,256	1,264	2,520	514	582	1,096	176	190	366	134	167	301	120	95	215	42	38	80	16	31	47	12	13	25

TABLE No. 23—(Continued)
FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

		DIAGNOSIS	Slavonic			Scandin-avian			Other European Races			Chinese and Japanese			Other Asiatic Races			American Indian			Others			Unspec-ified		
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01.	With Syphilitic Meningo-Encephalitis	6	1	7				9	1	10	5	0	5				1	1	2	2	1	3	1	2	3
	02.	With other forms of Syphilis										1	0	1												
	03.	With Epidemic Encephalitis							0	1	1															
	04.	With other Infectious Diseases																								
	05.	Alcoholic Psychoses	1	0	1	2	0	2	2	0	2							1	0	1				1	0	1
	06a.	Due to Opium and Other Drugs																								
	06b.	Due to other Exogenous Toxins																								
	07.	Traumatic Psychoses																								
	08.	With Cerebral Arteriosclerosis	3	0	3	2	1	3	5	2	7							1	1	2	1	0	1	5	3	8
	09.	With other Disturbances of Circulation	1	0	1																					
	10.	With Convulsive Disorders (Epilepsy)	1	0	1				1	0	1													1	0	1
	11.	Senile Psychoses				6	1	7	5	6	11							0	1	1	0	1	1	6	1	7
	12.	Involutional Psychoses	0	3	3	1	0	1	0	5	5													0	1	1
	13.	Due to other Metabolic, etc. Diseases	0	2	2				1	0	1															
	14.	Due to New Growth							1	0	1															
	15.	With Organic Changes of Nervous System							0	1	1															
	16.	Psychoneuroses	2	1	3	3	0	3	3	3	6													2	1	3
	17.	Manic-Depressive Psychoses	8	7	15	2	3	5	14	6	20	1	0	1	1	0	1	1	1	2				1	1	2
	18.	Dementia Praecox (Schizophrenia)	27	14	41	10	6	16	17	10	27	3	1	4	2	0	2	2	3	5	1	3	4	7	5	12
	19.	Paranoia and Paranoid Conditions	1	0	1	2	0	2	0	2	2										1	0	1	1	1	2
	20.	With Psychopathic Personality							2	0	2															
	21.	With Mental Deficiency	2	1	3	1	0	1										0	1	1				1	1	2
	22.	Undiagnosed Psychoses	1	0	1				3	1	4	1	0	1				0	1	1						
WITHOUT PSYCHOSIS	231a.	Epileptics not Psychotic or Feebleminded	2	0	2	1	0	1																0	1	1
	231b.	Epileptics who are Feebleminded	1	0	1																0	2	2	2	1	3
	232.	Alcoholism				1	0	1	0	1	1													0	1	1
	233.	Drug Addiction																						1	0	1
	234.	Mental Deficiency	4	4	8	0	2	2	9	6	15							0	2	2				17	14	31
	235.	Disorders of Personality																								
	236.	Psychopathic Personality				1	0	1	1	0	1													0	1	1
	237.	Other Non-Psychotic Conditions				1	2	3	1	0	1							0	2	2						
	24.	Primary Behaviour Disorders	1	0	1																					
	25.	Without Mental Disorder							1	0	1							1	0	1				1	0	1
		Total 1-22	53	29	82	29	11	40	63	38	101	11	1	12	3	0	3	6	9	15	5	5	10	26	16	42
		Total 23-25	8	4	12	4	4	8	12	7	19	–	–	–	–	–	–	1	4	5	0	2	2	21	18	39
		GRAND TOTAL	61	33	94	33	15	48	75	45	120	11	1	12	3	0	3	7	13	20	5	7	12	47	34	81

TABLE No. 24
PREVIOUS OCCUPATION OF FIRST ADMISSIONS

PREVIOUS (USUAL) OCCUPATION	Male	Female	TOTAL
Agriculture	166	2	168
Commercial	47	13	60
Financial	–	–	–
Fishing and Trapping	8	–	8
Logging	29	–	29
Manufacturing	19	7	26
Mining	13	–	13
Transportation and Communication	24	3	27
Civil Service and Public Administration	10	13	23
Personal Service	28	384	412
Professional	20	36	56
Domestic Service	12	407	419
Expert Workers	167	44	211
Labourers	320	17	337
Clerical	30	44	74
Retired	114	18	132
Miscellaneous	2	2	4
No occupation	239	262	501
Not given	8	12	20
TOTAL	1,256	1,264	2,520

TABLE

FIRST ADMISSIONS BY EDUCATIONAL

	DIAGNOSIS	Illiterate			Reads Only		
		M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	1	2	3	—	—	—
	02. With other forms of Syphilis	1	0	1	—	—	—
	03. With Epidemic Encephalitis	—	—	—	—	—	—
	04. With other Infectious Diseases	—	—	—	—	—	—
	05. Alcoholic Psychoses	—	—	—	—	—	—
	06a. Due to Opium and Other Drugs	—	—	—	—	—	—
	06b. Due to other Exogenous Toxins	—	—	—	—	—	—
	07. Traumatic Psychoses	—	—	—	—	—	—
	08. With Cerebral Arteriosclerosis	5	3	8	1	0	1
	09. With other Disturbances of Circulation	—	—	—	—	—	—
	10. With Convulsive Disorders (Epilepsy)	2	1	3	—	—	—
	11. Senile Psychoses	10	8	18	4	0	4
	12. Involutional Psychoses	1	4	5	0	1	1
	13. Due to other Metabolic, etc. Diseases	1	1	2	—	—	—
	14. Due to New Growth	—	—	—	—	—	—
	15. With Organic Changes of Nervous System	—	—	—	—	—	—
	16. Psychoneuroses	0	1	1	—	—	—
	17. Manic-Depressive Psychoses	4	0	4	1	0	1
	18. Dementia Praecox (Schizophrenia)	7	3	10	—	—	—
	19. Paranoia and Paranoid Conditions	3	0	3	—	—	—
	20. With Psychopathic Personality	—	—	—	—	—	—
	21. With Mental Deficiency	3	1	4	2	0	2
	22. Undiagnosed Psychoses	—	—	—	—	—	—
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	1	0	1	—	—	—
	231b. Epileptics who are Feebleminded	14	6	20	1	1	2
	232. Alcoholism	—	—	—	—	—	—
	233. Drug Addiction	—	—	—	—	—	—
	234. Mental Deficiency	129	85	214	1	2	3
	235. Disorders of Personality	—	—	—	—	—	—
	236. Psychopathic Personality	1	0	1	—	—	—
	237. Other Non-Psychotic Conditions	1	0	1	—	—	—
	24. Primary Behaviour Disorders	1	0	1	—	—	—
	25. Without Mental Disorder	—	—	—	—	—	—
	Total 1-22	38	24	62	8	1	9
	Total 23-25	147	91	238	2	3	5
	GRAND TOTAL	185	115	300	10	4	14

No. 25

STATUS AND DIAGNOSIS

Reads and Writes			Common School			High School			University			Unascertained			TOTAL		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
2	2	4	44	14	58	8	2	10	3	0	3	14	0	14	72	20	92
—	—	—	5	0	5	—	—	—	—	—	—	1	0	1	7	0	7
—	—	—	1	2	3	0	1	1	—	—	—	—	—	—	1	3	4
—	—	—	1	2	3	1	0	1	—	—	—	—	—	—	2	2	4
2	1	3	19	2	21	5	4	9	—	—	—	1	0	1	27	7	34
—	—	—	0	1	1	0	1	1	—	—	—	—	—	—	0	2	2
—	—	—	0	3	3	0	3	3	—	—	—	—	—	—	0	6	6
0	1	1	3	0	3	0	1	1	—	—	—	—	—	—	3	2	5
11	7	18	90	66	156	8	25	33	7	0	7	25	13	38	147	114	261
—	—	—	5	11	16	1	2	3	0	1	1	1	0	1	7	14	21
4	2	6	7	7	14	2	3	5	—	—	—	1		1	16	13	29
11	14	25	83	84	167	8	29	37	3	4	7	23	29	52	142	168	310
3	3	6	24	50	74	3	15	18	1	2	3	0	2	2	32	77	109
1	0	1	6	19	25	0	5	5	—	—	—	1	2	3	9	27	36
1	0	1	3	2	5	—	—	—	—	—	—	—	—	—	4	2	6
—	—	—	6	5	11	0	2	2	—	—	—	0	2	2	6	9	15
0	1	1	34	45	79	10	30	40	2	1	3	0	2	2	46	80	126
6	2	8	75	119	194	26	61	87	8	6	14	5	2	7	125	190	315
21	11	32	145	137	282	59	104	163	4	6	10	3	7	10	239	268	507
3	2	5	14	14	28	0	4	4	1	1	2	0	1	1	21	22	43
1	1	2	4	1	5	1	1	2	—	—	—	—	—	—	6	3	9
4	7	11	11	13	24	—	—	—	—	—	—	0	1	1	20	22	42
1	1	2	4	8	12	0	1	1	2	0	2	3	0	3	10	10	20
—	—	—	15	5	20	6	4	10	—	—	—	—	—	—	22	9	31
2	2	4	2	3	5	—	—	—	—	—	—	—	—	—	19	12	31
2	0	2	13	3	16	9	3	12	4	0	4	—	—	—	28	6	34
—	—	—	5	1	6	2	0	2	—	—	—	—	—	—	7	1	8
40	53	93	23	16	39	—	—	—	—	—	—	4	0	4	197	156	353
—	—	—	1	1	2	1	0	1	—	—	—	—	—	—	2	1	3
—	—	—	8	2	10	0	1	1	—	—	—	—	—	—	9	3	12
1	0	1	3	6	9	2	4	6	—	—	—	2	0	2	9	10	19
1	0	1	6	2	8	5	2	7	—	—	—	—	—	—	13	4	17
3	0	3	3	1	4	1	0	1	1	0	1	—	—	—	8	1	9
71	55	126	584	605	1,189	132	294	426	31	21	52	78	61	139	942	1,061	2,003
49	55	104	79	40	119	26	14	40	5	0	5	6	0	6	314	203	517
120	110	230	663	645	1,308	158	308	466	36	21	57	84	61	145	1,256	1,264	2,520

TABLE No. 26

ALCOHOLIC HABITS OF FIRST ADMISSIONS BY DIAGNOSIS

	DIAGNOSIS	TOTAL			Abstinent			Temperate			Intemperate			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	72	20	92	17	11	28	32	7	39	12	2	14	11	0	11
	02. With other forms of Syphilis	7	0	7	1	0	1	5	0	5	1	0	1	—	—	—
	03. With Epidemic Encephalitis	1	3	4	0	2	2	1	1	2	—	—	—	—	—	—
	04. With other Infectious Diseases	2	2	4	2	1	3	0	1	1	—	—	—	—	—	—
	05. Alcoholic Psychoses	27	7	34	2	0	2	—	—	—	25	7	32	—	—	—
	06a. Due to Opium and Other Drugs	0	2	2	0	1	1	0	1	1	—	—	—	—	—	—
	06b. Due to other Exogenous Toxins	0	6	6	0	5	5	—	—	—	0	1	1	—	—	—
	07. Traumatic Psychoses	3	2	5	1	1	2	1	1	2	1	0	1	—	—	—
	08. With Cerebral Arteriosclerosis	147	114	261	85	92	177	48	13	61	6	4	10	8	5	13
	09. With other Disturbances of Circulation	7	14	21	3	12	15	4	2	6	—	—	—	—	—	—
	10. With Convulsive Disorders (Epilepsy)	16	13	29	8	11	19	6	1	7	2	0	2	0	1	1
	11. Senile Psychoses	142	168	310	75	148	223	50	13	63	7	0	7	10	7	17
	12. Involutional Psychoses	32	77	109	17	64	81	12	13	25	3	0	3	—	—	—
	13. Due to other Metabolic, etc. Diseases	9	27	36	3	22	25	3	2	5	3	0	3	0	3	3
	14. Due to New Growth	4	2	6	1	0	1	3	2	5	—	—	—	—	—	—
	15. With Organic Changes of Nervous System	6	9	15	3	8	11	3	0	3	—	—	—	0	1	1
	16. Psychoneuroses	46	80	126	13	51	64	23	23	46	9	6	15	1	0	1
	17. Manic-Depressive Psychoses	125	190	315	42	140	182	61	40	101	14	3	17	8	7	15
	18. Dementia Praecox (Schizophrenia)	239	268	507	90	194	284	111	58	169	22	8	30	16	8	24
	19. Paranoia and Paranoid Conditions	21	22	43	6	17	23	9	5	14	6	0	6	—	—	—
	20. With Psychopathic Personality	6	3	9	1	2	3	1	0	1	2	1	3	2	0	2
	21. With Mental Deficiency	20	22	42	8	18	26	8	1	9	2	1	3	2	2	4
	22. Undiagnosed Psychoses	10	10	20	4	8	12	3	1	4	—	—	—	3	1	4
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	22	9	31	12	5	17	3	4	7	7	0	7	—	—	—
	231b. Epileptics who are Feebleminded	19	12	31	16	11	27	1	1	2	2	0	2	—	—	—
	232. Alcoholism	28	6	34	—	—	—	1	0	1	27	6	33	—	—	—
	233. Drug Addiction	7	1	8	1	0	1	4	0	4	2	1	3	—	—	—
	234. Mental Deficiency	197	156	353	164	150	314	22	5	27	3	0	3	8	1	9
	235. Disorders of Personality	2	1	3	1	0	1	1	0	1	0	1	1	—	—	—
	236. Psychopathic Personality	9	3	12	3	2	5	2	0	2	2	0	2	2	1	3
	237. Other Non-Psychotic Conditions	9	10	19	4	7	11	3	0	3	0	1	1	2	2	4
	24. Primary Behaviour Disorders	13	4	17	4	2	6	7	2	9	1	0	1	1	0	1
	25. Without Mental Disorder	8	1	9	—	—	—	4	1	5	4	0	4	—	—	—
	Total 1-22	942	1,061	2,003	382	808	1,190	384	185	569	115	33	148	61	35	96
	Total 23-25	314	203	517	205	177	382	48	13	61	48	9	57	13	4	17
	GRAND TOTAL	1,256	1,264	2,520	587	985	1,572	432	198	630	163	42	205	74	39	113

TABLE No. 27

DISPOSAL OF FIRST AND RE-ADMISSIONS DURING THE YEAR FOR CERTAIN PSYCHOSES

DISPOSAL AS AT MARCH 31st

DIAGNOSIS	Discharged			Died			Transferred			Eloped and not returned			On Probation			In Boarding Homes			Remaining in Hospital			TOTAL ADMISSIONS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile Psychosis	7	3	10	71	67	138	2	3	5	—	—	—	3	3	6	0	1	1	66	95	161	149	172	321
Psychosis with Cerebral Arteriosclerosis	5	7	12	65	40	105	2	1	3	—	—	—	6	8	14	0	1	1	74	64	138	152	121	273
General Paresis	3	3	6	6	2	8	15	0	15	—	—	—	9	3	12	1	0	1	56	13	69	90	21	111
Alcoholic Psychosis	16	5	21	1	1	2	1	0	1	—	—	—	3	1	4	—	—	—	14	2	16	35	9	44
Manic Depressive Psychosis	68	75	143	7	9	16	3	3	6	—	—	—	45	98	143	2	1	3	79	152	231	204	338	542
Dementia Praecox (Schizophrenia)	63	45	108	6	1	7	4	12	16	3	0	3	42	89	131	1	4	5	246	240	486	365	391	756
All Other Psychoses	62	94	156	24	29	53	2	6	8	1	0	1	26	76	102	1	1	2	118	177	295	234	383	617
Alcoholism without Psychoses	16	2	18	—	—	—	—	—	—	—	—	—	3	3	6	—	—	—	19	2	21	38	7	45
Others without Psychoses	60	22	82	15	9	24	2	2	4	1	0	1	24	12	36	—	—	—	227	179	406	329	224	553
TOTAL	300	256	556	195	158	353	31	27	58	5	0	5	161	293	454	5	8	13	899	924	1,823	1,596	1,666	3,262

TABLE No. 28
DISCHARGES BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		TOTAL			Under 10			10-14			15-19			20-24			25-29			30-34			35-39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	29	9	38										1	0	1				0	2	2	6	3	9
	02. With other forms of Syphilis	2	0	2																					
	03. With Epidemic Encephalitis	1	2	3																0	1	1	0	1	1
	04. With other Infectious Diseases	0	1	1																					
	05. Alcoholic Psychoses	18	5	23													2	0	2	0	2	2	4	1	5
	06a. Due to Opium and Other Drugs	3	3	6																0	1	1			
	06b. Due to other Exogenous Toxins	2	4	6													0	1	1						
	07. Traumatic Psychoses	1	0	1							1	0	1												
	08. With Cerebral Arteriosclerosis	19	24	43																					
	09. With other Disturbances of Circulation	1	3	4																			0	1	1
	10. With Convulsive Disorders (Epilepsy)	16	10	26							0	1	1	1	0	1	3	0	3	3	2	5	4	2	6
	11. Senile Psychoses	13	21	34																					
	12. Involutional Psychoses	30	84	114																			0	1	1
	13. Due to other Metabolic, etc. Diseases	3	16	19										0	1	1	0	3	3	1	2	3			
	14. Due to New Growth	0	1	1																					
	15. With Organic Changes of Nervous System	0	3	3							0	1	1												
	16. Psychoneuroses	42	82	124							1	2	3	4	4	8	3	12	15	6	8	14	4	11	15
	17. Manic-Depressive Psychoses	167	294	461				1	0	1	6	6	12	5	19	24	9	17	26	13	40	53	15	37	52
	18. Dementia Praecox (Schizophrenia)	246	214	460							17	9	26	34	41	75	32	35	67	33	35	68	35	35	70
	19. Paranoia and Paranoid Conditions	16	26	42																2	0	2	1	2	3
	20. With Psychopathic Personality	11	2	13													3	0	3	3	1	4	3	1	4
	21. With Mental Deficiency	17	23	40							1	0	1	1	8	9	0	3	3	5	0	5	2	1	3
	22. Undiagnosed Psychoses	7	8	15													0	1	1	1	1	2	1	0	1
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	22	19	41				1	0	1	6	2	8	6	8	14	1	0	1	2	2	4	4	2	6
	231b. Epileptics who are Feebleminded	8	7	15				2	0	2	1	0	1	2	2	4	3	1	4				0	3	3
	232. Alcoholism	32	6	38													2	0	2	1	2	3	6	1	7
	233. Drug Addiction	6	1	7																			1	0	1
	234. Mental Deficiency	79	87	166	2	0	2	7	3	10	25	25	50	19	22	41	10	15	25	4	8	12	6	2	8
	235. Disorders of Personality	2	1	3										0	1	1	1	0	1	1	0	1			
	236. Psychopathic Personality	5	4	9							0	1	1	1	2	3									
	237. Other Non-Psychotic Conditions	10	6	16										2	0	2	1	2	3	1	0	1			
	24. Primary Behaviour Disorders	15	5	20				0	1	1	2	0	2	3	1	4	3	3	6				1	0	1
	25. Without Mental Disorder	30	1	31				1	0	1	3	0	3	3	0	3	6	1	7	4	0	4	1	0	1
	Total 1-22	644	835	1,479				1	0	1	26	19	45	46	73	119	52	72	124	67	95	162	75	96	171
	Total 23-25	209	137	346	2	0	2	11	4	15	37	28	65	36	36	72	27	22	49	13	12	25	19	8	27
	GRAND TOTAL	853	972	1,825	2	0	2	12	4	16	63	47	110	82	109	191	79	94	173	80	107	187	94	104	198

TABLE No. 28—(Continued)
DISCHARGES BY AGE AND DIAGNOSIS

		DIAGNOSIS	AGE GROUP																							
			40-44			45-49			50-54			55-59			60-64			65-69			70 and Over			Unascertained		
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01.	With Syphilitic Meningo-Encephalitis	9	0	9	5	2	7	4	1	5	1	0	1	1	0	1	1	1	2	1	0	1			
	02.	With other forms of Syphilis										2	0	2												
	03.	With Epidemic Encephalitis				1	0	1																		
	04.	With other Infectious Diseases										0	1	1												
	05.	Alcoholic Psychoses	4	0	4	4	2	6	1	0	1	2	0	2	1	0	1									
	06a.	Due to Opium and Other Drugs	0	1	1				1	1	2	1	0	1				1	0	1						
	06b.	Due to other Exogenous Toxins	0	1	1				0	1	1	0	1	1	1	0	1				1	0	1			
	07.	Traumatic Psychoses																								
	08.	With Cerebral Arteriosclerosis				0	1	1				2	3	5	1	4	5	3	5	8	13	11	24			
	09.	With other Disturbances of Circulation							0	1	1	1	1	2												
	10.	With Convulsive Disorders (Epilepsy)	2	1	3	1	1	2				0	1	1	2	1	3	0	1	1						
	11.	Senile Psychoses													0	1	1	1	1	2	12	19	31			
	12.	Involutional Psychoses	1	11	12	4	13	17	5	29	34	9	18	27	5	10	15	6	2	8						
	13.	Due to other Metabolic, etc. Diseases	0	2	2	1	2	3	0	1	1	1	1	2	0	1	1	0	2	2	0	1	1			
	14.	Due to New Growth							0	1	1															
	15.	With Organic Changes of Nervous System	0	1	1							0	1	1												
	16.	Psychoneuroses	9	9	18	7	9	16	1	7	8	3	9	12	2	7	9	1	3	4	1	1	2			
	17.	Manic-Depressive Psychoses	27	43	70	22	26	48	11	40	51	17	25	42	18	16	34	10	18	28	13	7	20			
	18.	Dementia Praecox (Schizophrenia)	31	12	43	32	23	55	14	6	20	9	8	17	4	5	9	3	3	6	2	2	4			
	19.	Paranoia and Paranoid Conditions	4	7	11	2	1	3	1	8	9	5	1	6	1	5	6	0	1	1	0	1	1			
	20.	With Psychopathic Personality	1	0	1													1	0	1						
	21.	With Mental Deficiency	4	7	11	0	2	2	1	1	2	0	1	1	1	0	1				2	0	2			
	22.	Undiagnosed Psychoses	3	2	5	0	2	2	1	0	1	1	1	2	0	1	1									
WITHOUT PSYCHOSIS	231a.	Epileptics not Psychotic or Feebleminded	1	3	4	1	1	2	0	1	1															
	231b.	Epileptics who are Feebleminded							0	1	1															
	232.	Alcoholism	5	0	5	5	2	7	3	0	3	4	0	4	5	0	5	1	1	2						
	233.	Drug Addiction	2	0	2	1	0	1	1	1	2				1	0	1									
	234.	Mental Deficiency	2	0	2	1	4	5	1	4	5	2	1	3	0	1	1				0	2	2			
	235.	Disorders of Personality																								
	236.	Psychopathic Personality	1	0	1	1	1	2							2	0	2									
	237.	Other Non-Psychotic Conditions	3	1	4	1	1	2	0	1	1				1	0	1	1	1	2						
	24.	Primary Behaviour Disorders	2	0	2	1	0	1				1	0	1	1	0	1				1	0	1			
	25.	Without Mental Disorder	3	0	3	3	0	3	2	0	2	1	0	1	1	0	1	1	0	1	1	0	1			
		Total 1-22	95	97	192	79	84	163	40	97	137	54	72	126	37	51	88	27	37	64	45	42	87			
		Total 23-25	19	4	23	14	9	23	7	8	15	8	1	9	11	1	12	3	2	5	2	2	4			
		GRAND TOTAL	114	101	215	93	93	186	47	105	152	62	73	135	48	52	100	30	39	69	47	44	91			

TABLE No. 29

DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

	Diagnosis	First Admissions											
		Recovered			Improved			Unimproved			Total		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis				19	4	23	1	0	1	20	4	24
	02. With other forms of Syphilis				1	0	1	1	0	1	2	0	2
	03. With Epidemic Encephalitis				0	1	1	0	1	1	0	2	2
	04. With other Infectious Diseases				0	1	1				0	1	1
	05. Alcoholic Psychoses	9	3	12	3	0	3				12	3	15
	06a. Due to Opium and Other Drugs	0	1	1	1	0	1	0	1	1	1	2	3
	06b. Due to other Exogenous Toxins	0	2	2	2	1	3				2	3	5
	07. Traumatic Psychoses	1	0	1							1	0	1
	08. With Cerebral Arteriosclerosis	3	4	7	14	13	27	2	5	7	19	22	41
	09. With other Disturbances of Circulation	0	1	1	1	2	3				1	3	4
	10. With Convulsive Disorders (Epilepsy)	4	0	4	6	7	13				10	7	17
	11. Senile Psychoses	1	1	2	7	10	17	5	8	13	13	19	32
	12. Involutional Psychoses	16	52	68	10	19	29	0	1	1	26	72	98
	13. Due to other Metabolic, etc. Diseases	2	8	10	1	7	8	0	1	1	3	16	19
	14. Due to New Growth				0	1	1				0	1	1
	15. With Organic Changes of Nervous System				0	1	1	0	2	2	0	3	3
	16. Psychoneuroses	24	29	53	14	34	48	1	4	5	39	67	106
	17. Manic-Depressive Psychoses	74	111	185	35	49	84	2	5	7	111	165	276
	18. Dementia Praecox (Schizophrenia)	42	50	92	127	115	242	19	13	32	188	178	366
	19. Paranoia and Paranoid Conditions	4	3	7	8	15	23	2	1	3	14	19	33
	20. With Psychopathic Personality	5	1	6	5	0	5				10	1	11
	21. With Mental Deficiency	3	5	8	10	8	18				13	13	26
	22. Undiagnosed Psychoses	1	3	4	5	3	8				6	6	12
	Total 1-22	189	274	463	269	291	560	33	42	75	491	607	1,098
	Total 23-25										172	117	289
	GRAND TOTAL	189	274	463	269	291	560	33	42	75	663	724	1,387

TABLE No. 29—(Continued)

DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

	DIAGNOSIS	RE-ADMISSIONS												TOTAL ADMISSIONS											
		Recovered			Improved			Unimproved			Total			Recovered			Improved			Unimproved			Total		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	1	0	1	8	5	13				9	5	14	1	0	1	27	9	36	1	0	1	29	9	38
	02. With other forms of Syphilis																1	0	1	1	0	1	2	0	2
	03. With Epidemic Encephalitis							1	0	1	1	0	1				0	1	1	1	1	2	1	2	3
	04. With other Infectious Diseases																0	1	1				0	1	1
	05. Alcoholic Psychoses	4	0	4	2	2	4				6	2	8	13	3	16	5	2	7				18	5	23
	06a. Due to Opium and Other Drugs	1	1	2	1	0	1				2	1	3	1	2	3	2	0	2	0	1	1	3	3	6
	06b. Due to other Exogenous Toxins	0	1	1							0	1	1	0	3	3	2	1	3				2	4	6
	07. Traumatic Psychoses													1	0	1							1	0	1
	08. With Cerebral Arteriosclerosis				0	2	2				0	2	2	3	4	7	14	15	29	2	5	7	19	24	43
	09. With other Disturbances of Circulation													0	1	1	1	2	3				1	3	4
	10. With Convulsive Disorders (Epilepsy)	2	0	2	3	1	4	1	2	3	6	3	9	6	0	6	9	8	17	1	2	3	16	10	26
	11. Senile Psychoses	0	1	1	0	1	1				0	2	2	1	2	3	7	11	18	5	8	13	13	21	34
	12. Involutional Psychoses	3	8	11	1	3	4	0	1	1	4	12	16	19	60	79	11	22	33	0	2	2	30	84	114
	13. Due to other Metabolic, etc. Diseases													2	8	10	1	7	8	0	1	1	3	16	19
	14. Due to New Growth																0	1	1				0	1	1
	15. With Organic Changes of Nervous System																0	1	1	0	2	2	0	3	3
	16. Psychoneuroses	1	7	8	2	8	10				3	15	18	25	36	61	16	42	58	1	4	5	42	82	124
	17. Manic-Depressive Psychoses	31	84	115	25	42	67	0	3	3	56	129	185	105	195	300	60	91	151	2	8	10	167	294	461
	18. Dementia Praecox (Schizophrenia)	17	9	26	37	25	62	4	2	6	58	36	94	59	59	118	164	140	304	23	15	38	246	214	460
	19. Paranoia and Paranoid Conditions				2	7	9				2	7	9	4	3	7	10	22	32	2	1	3	16	26	42
	20. With Psychopathic Personality	1	0	1	0	1	1				1	1	2	6	1	7	5	1	6				11	2	13
	21. With Mental Deficiency	0	4	4	4	5	9	0	1	1	4	10	14	3	9	12	14	13	27	0	1	1	17	23	40
	22. Undiagnosed Psychoses				1	2	3				1	2	3	1	3	4	6	5	11				7	8	15
	Total 1-22	61	115	176	86	104	190	6	9	15	153	228	381	250	389	639	355	395	750	39	51	90	644	835	1,479
	Total 23-25										37	20	57										209	137	346
	GRAND TOTAL	61	115	176	86	104	190	6	9	15	190	248	438	250	389	639	355	395	750	39	51	90	853	972	1,825

TABLE No. 30

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	GRAND TOTAL			RECOVERED																				
					0-5 Mos.			6-11 Mos.			1-2 Years			3-4 Years			5 Years and over			Unas-certained			Total Recovered		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	29	9	38	1	0	1																1	0	1
	02. With other forms of Syphilis	2	0	2																					
	03. With Epidemic Encephalitis	1	2	3																					
	04. With other Infectious Diseases	0	1	1																					
	05. Alcoholic Psychoses	18	5	23	12	3	15				1	0	1										13	3	16
	06a. Due to Opium and Other Drugs	3	3	6	1	2	3																1	2	3
	06b. Due to other Exogenous Toxins	2	4	6	0	3	3																0	3	3
	07. Traumatic Psychoses	1	0	1	1	0	1																1	0	1
	08. With Cerebral Arteriosclerosis	19	24	43	2	3	5							1	0	1	0	1	1				3	4	7
	09. With other Disturbances of Circulation	1	3	4	0	1	1																0	1	1
	10. With Convulsive Disorders (Epilepsy)	16	10	26	2	0	2	1	0	1	1	0	1	1	0	1	1	0	1				6	0	6
	11. Senile Psychoses	13	21	34	1	1	2				0	1	1										1	2	3
	12. Involutional Psychoses	30	84	114	15	48	63	3	8	11	1	1	2	0	1	1	0	2	2				19	60	79
	13. Due to other Metabolic, etc. Diseases	3	16	19	2	7	9										0	1	1				2	8	10
	14. Due to New Growth	0	1	1																					
	15. With Organic Changes of Nervous System	0	3	3																					
	16. Psychoneuroses	42	82	124	21	31	52	1	4	5	2	1	3	1	0	1							25	36	61
	17. Manic-Depressive Psychoses	167	294	461	70	120	190	22	31	53	7	33	40	4	6	10	2	5	7				105	195	300
	18. Dementia Praecox (Schizophrenia)	246	214	460	31	36	67	14	13	27	4	4	8	6	3	9	4	3	7				59	59	118
	19. Paranoia and Paranoïd Conditions	16	26	42	2	2	4	2	0	2							0	1	1				4	3	7
	20. With Psychopathic Personality	11	2	13	5	1	6				1	0	1										6	1	7
	21. With Mental Deficiency	17	23	40	2	4	6	1	0	1	0	2	2				0	3	3				3	9	12
	22. Undiagnosed Psychoses	7	8	15	1	2	3										0	1	1				1	3	4
	Total 1-22	644	835	1,479	169	264	433	44	56	100	17	42	59	13	10	23	7	17	24				250	389	639
	Total 23-25	209	137	346																			9	4	13
	GRAND TOTAL	853	972	1,825	169	264	433	44	56	100	17	42	59	13	10	23	7	17	24				259	393	652

TABLE No. 30—(Continued)

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

		IMPROVED																				
	DIAGNOSIS	0-5 Mos.			6-11 Mos.			1-2 Years			3-4 Years			5 Years and Over			Unascertained			Total Improved		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	15	6	21	6	3	9	1	0	1	1	0	1	4	0	4				27	9	36
	02. With other forms of Syphilis	1	0	1																1	0	1
	03. With Epidemic Encephalitis	0	1	1																0	1	1
	04. With other Infectious Diseases	0	1	1																0	1	1
	05. Alcoholic Psychoses	3	2	5	1	0	1	1	0	1										5	2	7
	06a. Due to Opium and Other Drugs	1	0	1	1	0	1													2	0	2
	06b. Due to other Exogenous Toxins	1	1	2							1	0	1							2	1	3
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	7	6	13	6	2	8	1	5	6	0	1	1	0	1	1				14	15	29
	09. With other Disturbances of Circulation	0	1	1				0	1	1	1	0	1							1	2	3
	10. With Convulsive Disorders (Epilepsy)	1	4	5	1	2	3	5	0	5	1	1	2	1	1	2				9	8	17
	11. Senile Psychoses	1	6	7	2	1	3	1	3	4	2	1	3	1	0	1				7	11	18
	12. Involutional Psychoses	5	15	20	3	4	7	1	2	3				2	1	3				11	22	33
	13. Due to other Metabolic, etc. Diseases	1	7	8																1	7	8
	14. Due to New Growth							0	1	1										0	1	1
	15. With Organic Changes of Nervous System	0	1	1																0	1	1
	16. Psychoneuroses	11	24	35	0	10	10	3	4	7	2	4	6							16	42	58
	17. Manic-Depressive Psychoses	32	44	76	6	20	26	10	15	25	5	3	8	7	9	16				60	91	151
	18. Dementia Praecox (Schizophrenia)	61	71	132	21	26	47	39	20	59	14	10	24	29	13	42				164	140	304
	19. Paranoia and Paranoid Conditions	4	12	16	2	5	7	0	2	2	2	3	5	2	0	2				10	22	32
	20. With Psychopathic Personality	3	0	3	0	1	1				1	0	1	1	0	1				5	1	6
	21. With Mental Deficiency	7	1	8	2	2	4	2	8	10	2	0	2	1	2	3				14	13	27
	22. Undiagnosed Psychoses	5	2	7				0	3	3				1	0	1				6	5	11
	Total 1-22	159	205	364	51	76	127	64	64	128	32	23	55	49	27	76				355	395	750
	Total 23-25																			37	24	61
	GRAND TOTAL	159	205	364	51	76	127	64	64	128	32	23	55	49	27	76				392	419	811

TABLE No. 30—(Concluded)

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	UNIMPROVED																					WITHOUT MENTAL DISORDER								
		0-5 Mos.			6-11 Mos.			1-2 Years			3-4 Years			5 Years and over			Unascertained			Total Unimproved			0-5 Mos.			6 Mos. and over			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis							1	0	1										1	0	1									
	02. With other forms of Syphilis	1	0	1																1	0	1									
	03. With Epidemic Encephalitis	0	1	1				1	0	1										1	1	2									
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses																														
	06a. Due to Opium and Other Drugs	0	1	1																0	1	1									
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis	0	4	4	0	1	1	2	0	2										2	5	7									
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)				0	1	1	1	0	1				0	1	1				1	2	3									
	11. Senile Psychoses	5	1	6	0	3	3	0	3	3				0	1	1				5	8	13									
	12. Involutional Psychoses				0	1	1				0	1	1							0	2	2									
	13. Due to other Metabolic, etc. Diseases	0	1	1																0	1	1									
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System	0	2	2																0	2	2									
	16. Psychoneuroses	1	3	4	0	1	1													1	4	5									
	17. Manic-Depressive Psychoses	1	4	5	1	2	3	0	2	2										2	8	10									
	18. Dementia Praecox (Schizophrenia)	8	8	16	2	4	6	3	2	5	3	0	3	7	1	8				23	15	38									
	19. Paranoia and Paranoid Conditions	1	1	2	1	0	1													2	1	3									
	20. With Psychopathic Personality																														
	21. With Mental Deficiency	0	1	1																0	1	1									
	22. Undiagnosed Psychoses																														
	Total 1-22	17	27	44	4	13	17	8	7	15	3	1	4	7	3	10				39	51	90									
	Total 23-25																			32	32	64	76	32	108	55	45	100	131	77	208
	GRAND TOTAL	17	27	44	4	13	17	8	7	15	3	1	4	7	3	10				71	83	154	76	32	108	55	45	100	131	77	208

TABLE No. 31

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	TOTAL			PSYCHOSES																	
				General Paresis			Alcoholic			With Cerebral Arteriosclerosis			With Convulsive Disorders (Epil.)			Senile			Involutional		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases																					
Typhoid and paratyphoid fever																					
Measles																					
Scarlet fever																					
Diphtheria																					
Influenza	2	0	2																		
Dysentery	1	0	1																1	0	1
Tuberculosis of the respiratory system	24	14	38	2	0	2				2	0	2	1	1	2	3	1	4	1	2	3
Other forms of tuberculosis	1	1	2																		
Syphilis	2	0	2	2	0	2															
Purulent infection, septicaemia	0	1	1																		
Other infectious and parasitic diseases	0	2	2																		
Cancer and other Tumours																					
Cancer and other malignant tumours	18	21	39							2	0	2	1	1	2	1	1	2	0	1	1
Tumours, non-malignant and unspecified	1	1	2																		
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases																					
Acute rheumatic fever																					
Chronic rheumatism and gout																					
Diabetes mellitus	3	1	4																		
Diseases of the thyroid and parathyroid glands	0	1	1																		
Other general diseases																					
Diseases of the Blood and Blood Forming Organs																					
Anaemia	3	2	5																		
Leukaemias, aleukaemias, and other diseases of the blood and blood forming organs	3	2	5													1	0	1			
Chronic Poisonings and Intoxications																					
Alcoholism (acute or chronic)																					
Other chronic poisonings	1	0	1							1	0	1									
Diseases of the Nervous System and Organs of Special Sense																					
Simple meningitis																					
Progressive locomotor ataxia (tabes dorsalis)	7	5	12							4	2	6				2	0	2	0	1	1
Cerebral haemorrhage, cerebral embolism and thrombosis	32	49	81	1	2	3	1	0	1	9	16	25	1	0	1	6	12	18	0	1	1
General paralysis of the insane	7	0	7	7	0	7															
Dementia praecox and other psychoses	2	0	2																		
Epilepsy	7	5	12										3	2	5						
Other diseases of the nervous system	29	23	52							0	1	1				4	0	4	1	3	4
Diseases of the eye, ear and their annexa																					
Diseases of the Circulatory System																					
Pericarditis																					
Acute and chronic endocarditis, valvular diseases	8	8	16							0	3	3				5	4	9			
Diseases of the myocardium	169	158	327	7	3	10	1	0	1	59	40	99	3	0	3	48	49	97	5	2	7
Diseases of the coronary arteries and angina pectoris	30	15	45	4	0	4	0	1	1	7	1	8				2	2	4			
Other diseases of the heart	3	5	8																1	1	2
Arteriosclerosis	14	10	24							9	2	11				5	6	11	0	1	1
Other diseases of the circulatory system	1	5	6							0	1	1				1	1	2			

TABLE No. 31—(Continued)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	TOTAL			PSYCHOSES																	
				General Paresis			Alcoholic			With Cerebral Arteriosclerosis			With Convulsive Disorders (Epil.)			Senile			Involutional		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Diseases of the Respiratory System																					
Bronchitis	0	2	2													0	1	1			
Pneumonias (lobar, broncho and unspecified)	106	142	248	5	1	6	0	1	1	26	26	52	4	1	5	42	65	107	2	4	6
Pleurisy	0	2	2																		
Other diseases of the respiratory system (not tuberculosis)	7	2	9							2	0	2	1	0	1				1	0	1
Diseases of the Digestive System																					
Ulcer of the stomach or duodenum																					
Diarrhoea and enteritis	1	2	3							1	0	1	0	1	1						
Appendicitis																					
Hernia, intestinal obstruction	2	3	5	0	1	1															
Cirrhosis of the liver	1	1	2																		
Other diseases of the liver and biliary passages including biliary calculi	2	1	3																		
Other diseases of the digestive system	3	1	4										0	1	1	1	0	1	1	0	1
Diseases of the Genito-Urinary System																					
Nephritis	4	3	7													2	0	2			
Other diseases of the kidneys and ureters	2	0	2													1	0	1			
Calculi of the urinary passages																					
Diseases of the bladder (tumours excepted)	0	2	2							0	1	1									
Diseases of the urethra, urinary abscess, etc.																					
Diseases of the prostate	2	0	2							1	0	1				1	0	1			
Diseases of the genital organs, not specified as venereal																					
Diseases of Pregnancy, Childbirth and the Puerperal State																					
Puerperal septicaemia																					
Other diseases of pregnancy, childbirth and puerperal state																					
Diseases of the Skin and Cellular Tissue	2	0	2													1	0	1			
Diseases of the Bones and Organs of Locomotion	1	2	3													1	0	1			
Congenital malformations																					
Senility	5	6	11													5	5	10			
Violent or Accidental Death																					
Suicide	1	1	2																		
Homicide																					
Accidental drowning	2	0	2																		
Accidental burns																					
Other accidents	1	1	2										0	1	1						
Ill-Defined Causes of Death																					
GRAND TOTAL	510	500	1,010	28	7	35	2	2	4	123	93	216	14	8	22	132	147	279	13	16	29

TABLE No. 31—(Continued)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES																		Without Psychosis and Primary Behaviour Disorders		
	Psycho-neurosis			Manic-Depressive			Dementia Praecox (Schizophrenia)			Paranoia and Paranoid Conditions			With Mental Deficiency			All Other					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases																					
Typhoid and paratyphoid fever																					
Measles																					
Scarlet fever																					
Diphtheria																					
Influenza																			2	0	2
Dysentery																					
Tuberculosis of the respiratory system	1	0	1	1	0	1	8	8	16	1	0	1				0	1	1	4	1	5
Other forms of tuberculosis							1	0	1				0	1	1						
Syphilis																					
Purulent infection, septicaemia																			0	1	1
Other infectious and parasitic diseases							0	1	1							0	1	1			
Cancer and other Tumours																					
Cancer and other malignant tumours				2	7	9	7	7	14	0	1	1				4	1	5	1	2	3
Tumours, non-malignant and unspecified													1	0	1				0	1	1
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases																					
Acute rheumatic fever																					
Chronic rheumatism and gout																					
Diabetes mellitus				0	1	1										1	0	1	2	0	2
Diseases of the thyroid and parathyroid glands																			0	1	1
Other general diseases																					
Diseases of the Blood and Blood Forming Organs																					
Anaemia				1	0	1	2	1	3							0	1	1			
Leukaemias, aleukaemias, and other diseases of the blood and blood forming organs							2	1	3							0	1	1			
Chronic Poisonings and Intoxications																					
Alcoholism (acute or chronic)																					
Other chronic poisonings																					
Diseases of the Nervous System and Organs of Special Sense																					
Simple meningitis																					
Progressive locomotor ataxia (tabes dorsalis)				0	1	1				0	1	1				1	0	1			
Cerebral haemorrhage, cerebral embolism and thrombosis	1	0	1	2	5	7	5	11	16				2	0	2	1	2	3	3	0	3
General paralysis of the insane																					
Dementia praecox and other psychoses							1	0	1										1	0	1
Epilepsy																1	0	1	3	3	6
Other diseases of the nervous system				2	3	5	1	3	4							1	1	2	20	12	32
Diseases of the eye, ear and their annexa																					
Diseases of the Circulatory System																					
Pericarditis																					
Acute and chronic endocarditis, valvular diseases							1	1	2							1	0	1	1	0	1
Diseases of the myocardium				10	11	21	23	30	53	1	1	2	1	2	3	7	15	22	4	5	9
Diseases of the coronary arteries and angina pectoris				1	1	2	8	7	15	1	0	1	1	0	1	3	1	4	3	2	5
Other diseases of the heart				2	0	2	0	1	1							0	2	2	0	1	1
Arteriosclerosis																0	1	1			
Other diseases of the circulatory system							0	2	2										0	1	1

TABLE No. 31—(Concluded)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES																		Without Psychosis and Primary Behaviour Disorders		
	Psycho-neurosis			Manic-Depressive			Dementia Praecox (Schizophrenia)			Paranoia and Paranoid Conditions			With Mental Deficiency			All Other					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Diseases of the Respiratory System																					
Bronchitis							0	1	1												
Pneumonias (lobar, broncho and unspecified)	0	1	1	5	8	13	7	18	25				1	3	4	6	5	11	8	9	17
Pleurisy							0	1	1				0	1	1						
Other diseases of the respiratory system (not tuberculosis)							0	1	1	0	1	1	1	0	1				2	0	2
Diseases of the Digestive System																					
Ulcer of the stomach or duodenum																					
Diarrhoea and enteritis										0	1	1									
Appendicitis																					
Hernia, intestinal obstruction													1	0	1				1	2	3
Cirrhosis of the liver							1	1	2												
Other diseases of the liver and biliary passages including biliary calculi							1	0	1							1	1	2			
Other diseases of the digestive system							1	0	1												
Diseases of the Genito-Urinary System																					
Nephritis				1	0	1	1	1	2							0	2	2			
Other diseases of the kidneys and ureters																1	0	1			
Calculi of the urinary passages																					
Diseases of the bladder (tumours excepted)							0	1	1												
Diseases of the urethra, urinary abscess, etc																					
Diseases of the prostate																					
Diseases of the genital organs, not specified as venereal																					
Diseases of Pregnancy, Childbirth and the Puerperal State																					
Puerperal septicaemia																					
Other diseases of pregnancy, childbirth and puerperal state																					
Diseases of the Skin and Cellular Tissue							1	0	1												
Diseases of the Bones and Organs of Locomotion													0	1	1				0	1	1
Congenital malformations																					
Senility							0	1	1												
Violent or Accidental Death																					
Suicide				1	1	2															
Homicide																					
Accidental drowning																			2	0	2
Accidental burns																					
Other accidents							1	0	1												
Ill-Defined Causes of Death																					
GRAND TOTAL	2	1	3	28	38	66	72	98	170	3	5	8	8	8	16	28	35	63	57	42	99

TABLE No. 32

DEATHS BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																			
					Under 10			10-14			15-19			20-24			25-29			30-34			35-39	
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	27	7	34																					
	02. With other forms of Syphilis	2	0	2																					
	03. With Epidemic Encephalitis	1	1	2													0	1	1	1	0	1			
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses	2	2	4																			1	0	1
	06a. Due to Opium and Other Drugs	0	2	2																					
	06b. Due to other Exogenous Toxins	1	0	1																					
	07. Traumatic Psychoses	1	1	2																					
	08. With Cerebral Arteriosclerosis	122	91	213																					
	09. With other Disturbances of Circulation	9	9	18																			0	2	2
	10. With Convulsive Disorders (Epilepsy)	14	8	22													1	0	1	1	2	3	0	1	1
	11. Senile Psychoses	132	147	279																					
	12. Involutional Psychoses	13	16	29																					
	13. Due to other Metabolic, etc. Diseases	9	12	21							0	1	1	0	2	2	1	0	1						
	14. Due to New Growth	2	2	4																0	1	1	0	1	1
	15. With Organic Changes of Nervous System	2	5	7																					
	16. Psychoneuroses	2	1	3																			1	0	1
	17. Manic-Depressive Psychoses	28	38	66							1	0	1										0	1	1
	18. Dementia Praecox (Schizophrenia)	72	98	170							0	1	1	2	2	4	1	1	2	3	5	8	10	5	15
	19. Paranoia and Paranoid Conditions	3	5	8																			1	0	1
	20. With Psychopathic Personality	0	1	1																					
	21. With Mental Deficiency	6	9	15										2	1	3				0	1	1			
	22. Undiagnosed Psychoses	5	3	8																					
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	4	0	4										2	0	2									
	231b. Epileptics who are Feebleminded	9	7	16	1	0	1	1	1	2	1	1	2	3	1	4	1	0	1				1	2	3
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	41	32	73	8	3	11	3	0	3	4	5	9	4	1	5	4	1	5	1	1	2	2	3	5
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions	2	3	5							0	1	1							1	0	1			
	24. Primary Behaviour Disorders	1	0	1																					
	25. Without Mental Disorder																								
	Total 1-22	453	458	911							1	2	3	4	5	9	3	2	5	5	9	14	13	10	23
	Total 23-25	57	42	99	9	3	12	4	1	5	5	7	12	9	2	11	5	1	6	2	1	3	3	5	8
	GRAND TOTAL	510	500	1,010	9	3	12	4	1	5	6	9	15	13	7	20	8	3	11	7	10	17	16	15	31

TABLE No. 32—(Concluded)

DEATH BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40-44			45-49			50-54			55-59			60-64			65-69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	2	1	3	7	1	8	5	1	6	5	1	6	3	1	4	1	0	1	4	2	6			
	02. With other forms of Syphilis										1	0	1				1	0	1						
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses				0	1	1							0	1	1	1	0	1						
	06a. Due to Opium and Other Drugs				0	2	2																		
	06b. Due to other Exogenous Toxins																			1	0	1			
	07. Traumatic Psychoses	1	0	1													0	1	1						
	08. With Cerebral Arteriosclerosis				1	0	1	3	2	5	4	7	11	17	9	26	22	23	45	74	50	124	1	0	1
	09. With other Diisturbances of Circulation				0	4	4				2	0	2	3	0	3	1	2	3	3	1	4			
	10. With Convulsve Disorders (Epilepsy)	2	2	4	3	0	3				2	2	4	1	0	1	1	1	2	3	0	3			
	11. Senile Psychoses													0	2	2	12	5	17	120	139	259	0	1	1
	12. Involutional Psychoses				2	1	3	0	2	2	0	1	1	4	6	10	4	4	8	3	2	5			
	13. Due to other Metabolic, etc. Diseases	1	1	2	0	1	1	2	2	4	1	2	3	1	2	3	1	1	2	2	0	2			
	14. Due to New Growth													1	0	1				1	0	1			
	15. With Organic Changes of Nervous System	0	1	1	0	1	1				1	0	1	1	1	2	0	1	1	0	1	1			
	16. Psychoneuroses	1	0	1																0	1	1			
	17. Manic-Depressive Psychoses	2	2	4	3	2	5	3	2	5	2	2	4	4	7	11	2	10	12	11	12	23			
	18. Dementia Praecox (Schizophrenia)	3	2	5	7	8	15	9	5	14	10	11	21	5	13	18	9	11	20	13	33	46	0	1	1
	19. Paranoia and Paranoid Conditions							0	2	2	1	0	1							1	3	4			
	20. With Psychopathic Personality							0	1	1															
	21. With Mental Deficiency	0	1	1	1	2	3	1	1	2							1	0	1	1	3	4			
	22. Undiagnosed Psychoses				2	1	3	0	1	1				2	1	3	1	0	1						
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded										1	0	1	1	0	1									
	231b. Epileptics who are Feebleminded	0	1	1							1	1	2												
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	1	2	3	1	1	2	1	4	5	4	3	7	5	5	10	2	1	3	1	2	3			
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions				0	1	1													1	1	2			
	24. Primary Behaviour Disorders	1	0	1																					
	25. Without Mental Disorder																								
	Total 1-22	12	10	22	26	24	50	23	19	42	29	26	55	42	43	85	57	59	116	237	247	484	1	2	3
	Total 23-25	2	3	5	1	2	3	1	4	5	6	4	10	6	5	11	2	1	3	2	3	5			
	GRAND TOTAL	14	13	27	27	26	53	24	23	47	35	30	65	48	48	96	59	60	119	239	250	489	1	2	3

TABLE No. 33

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			TOTAL DURATION OF HOSPITAL LIFE																				
					Less than 1 month			1-3 months			4-7 months			8-11 months			1-2 years			3-4 years			5-6 years		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	27	7	34	5	0	5	3	1	4	0	1	1	2	1	3	1	2	3	5	0	5	3	0	3
	02. With other forms of Syphilis	2	0	2				1	0	1															
	03. With Epidemic Encephalitis	1	1	2																					
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses	2	2	4	1	1	2										1	0	1						
	06a. Due to Opium and Other Drugs	0	2	2	0	1	1	0	1	1															
	06b. Due to other Exogenous Toxins	1	0	1																					
	07. Traumatic Psychoses	1	1	2																			1	1	2
	08. With Cerebral Arteriosclerosis	122	91	213	36	19	55	20	21	41	15	10	25	7	3	10	21	19	40	14	8	22	2	2	4
	09. With other Disturbances of Circulation	9	9	18	4	4	8	2	3	5	1	0	1				1	0	1	0	2	2			
	10. With Convulsive Disorders (Epilepsy)	14	8	22	1	0	1	1	0	1				1	0	1				2	1	3	0	1	1
	11. Senile Psychoses	132	147	279	36	22	58	25	30	55	21	25	46	9	10	19	22	28	50	8	15	23	2	7	9
	12. Involutional Psychoses	13	16	29	1	0	1	5	2	7	0	4	4	1	0	1	1	2	3	2	3	5	1	1	2
	13. Due to other Metabolic, etc. Diseases	9	12	21	3	5	8	3	3	6	2	0	2	0	3	3	0	1	1						
	14. Due to New Growth	2	2	4	0	1	1	2	1	3															
	15. With Organic Changes of Nervous System	2	5	7	1	2	3										0	1	1						
	16. Psychoneuroses	2	1	3													1	0	1	1	0	1			
	17. Manic-Depressive Psychoses	28	38	66	5	3	8	1	4	5	1	2	3	2	1	3	4	3	7	3	1	4	1	2	3
	18. Dementia Praecox (Schizophrenia)	72	98	170	3	2	5	1	0	1	0	1	1	3	5	8	2	6	8	6	7	13	5	7	12
	19. Paranoia and Paranoid Conditions	3	5	8							1	1	2							0	1	1	1	0	1
	20. With Psychopathic Personality	0	1	1																					
	21. With Mental Deficiency	6	9	15													1	1	2	2	2	4			
	22. Undiagnosed Psychoses	5	3	8	2	1	3							0	1	1	3	0	3				0	1	1
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	4	0	4	1	0	1										2	0	2						
	231b. Epileptics who are Feebleminded	9	7	16	1	0	1										1	0	1	1	0	1	0	2	2
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	41	32	73	3	0	3	6	2	8	2	3	5				3	3	6	5	1	6	5	4	9
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-psychotic Conditions	2	3	5	1	1	2	0	1	1							0	1	1						
	24. Primary Behaviour Disorders	1	0	1																			1	0	1
	25. Without Mental Disorder																								
	Total 1-22	453	458	911	98	61	159	64	66	130	41	44	85	25	24	49	58	63	121	43	40	83	16	22	38
	Total 23-25	57	42	99	6	1	7	6	3	9	2	3	5				6	4	10	6	1	7	6	6	12
	GRAND TOTAL	510	500	1,010	104	62	166	70	69	139	43	47	90	25	24	49	64	67	131	49	41	90	22	28	50

TABLE No. 33—(Continued)

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

	DIAGNOSIS	TOTAL DURATION OF HOSPITAL LIFE																				
		7-8 years			9-10 years			11-12 years			13-14 years			15-19 years			20 years and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis				1	1	2	3	0	3	1	0	1	2	0	2	1	1	2			
	02. With other forms of Syphilis																1	0	1			
	03. With Epidemic Encephalitis							1	1	2												
	04. With other Infectious Diseases																					
	05. Alcoholic Psychoses																0	1	1			
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins	1	0	1																		
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	3	4	7	2	2	4	0	1	1	0	1	1	1	1	2	1	0	1			
	09. With other Disturbances of Circulation													1	0	1						
	10. With Convulsive Disorders (Epilepsy)	2	0	2	2	0	2	0	1	1	1	1	2	1	1	2	3	2	5	0	1	1
	11. Senile Psychoses	2	4	6				3	3	6				1	1	2	3	2	5			
	12. Involutional Psychoses	1	0	1	0	1	1	0	1	1	0	1	1	1	0	1	0	1	1			
	13. Due to other Metabolic, etc. Diseases	1	0	1																		
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System	1	2	3																		
	16. Psychoneuroses																0	1	1			
	17. Manic-Depressive Psychoses	2	0	2	1	2	3	1	2	3	4	6	10	2	5	7	1	7	8			
	18. Dementia Praecox (Schizophrenia)	7	3	10	5	3	8	6	3	9	4	8	12	7	4	11	23	48	71	0	1	1
	19. Paranoia and Paranoid Conditions	0	2	2				1	0	1							0	1	1			
	20. With Psychopathic Personality				0	1	1															
	21. With Mental Deficiency	1	1	2				1	0	1	0	1	1	1	1	2	0	3	3			
	22. Undiagnosed Psychoses																					
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded													1	0	1						
	231b. Epileptics who are Feebleminded	1	0	1	2	2	4				2	1	3				1	2	3			
	232. Alcoholism																					
	233. Drug Addiction																					
	234. Mental Deficiency	2	0	2	1	2	3	2	1	3	3	5	8	2	1	3	7	10	17			
	235. Disorders of Personality																					
	236. Psychopathic Personality																					
	237. Other Non-psychotic Conditions	1	0	1																		
	24. Primary Behaviour Disorders																					
	25. Without Mental Disorder																					
	Total 1-22	21	16	37	11	10	21	16	12	28	10	18	28	17	13	30	33	67	100	0	2	2
	Total 23-25	4	0	4	3	4	7	2	1	3	5	6	11	3	1	4	8	12	20			
	GRAND TOTAL	25	16	41	14	14	28	18	13	31	15	24	39	20	14	34	41	79	120	0	2	2

TABLE No. 34
GENERAL STATISTICS
Year Ending March 31, 1946

HOSPITALS	Date Hospital Opened	Acreage		Acres in Fruit and Vegetables	Acres in Grain	Acres in Buildings and Grounds	Acres in Bush or Not Cultivated
		Owned	Rented				
Brockville	1894	569	—	40	369	35	125
Cobourg	1901	12	—	4	—	8	—
Fort William	1936	1,250	—	29	446	25	750
Hamilton	1876	525	—	112	339	74	—
Kingston	1854	258	175	30	337	66	—
Langstaff	1939	—	990	99	777	41	73
London	1870	450	—	142	160	110	38
New Toronto	1890	136	—	60	5	65	6
Orlllia	1876	660	—	98	220	120	222
Penetang	1904	383	—	78	31	25	249
St. Thomas *	1939	463	—	145	184	134	—
Toronto	1846	20	—	3	—	17	—
Whitby	1920	640	135	125	365	150	135
Woodstock	1906	435	25	95	220	90	55
ALL HOSPITALS	....	5,801	1,325	1,060	3,453	960	1,653

*St. Thomas closed to patients October 21, 1939 to November 1, 1945 for use as a training centre by the Royal Canadian Air Force.

TABLE No. 35
CLASSIFICATION OF STAFF BY HOSPITAL
YEAR ENDING MARCH 31, 1946

HOSPITALS	TOTAL STAFF	Superintendent	Physicians (not on ward duty)	Physicians (on ward duty)	Medical Consultants	Psychologists and Psychometrists	Pathologists	Occupational Therapists	Dentists	Dietitians	Teachers	Instructors	Social Service Workers	Superintendent of Nurses	Graduate Nurses (not on ward duty)	Graduate Nurses (on ward duty)	Nurses-in-Training (not on ward duty)	Nurses-in-Training (on ward duty)
BROCKVILLE	251	1	—	4	1	1	—	1	—	—	—	2	—	1	4	34	4	7
COBOURG	69	1	—	1	—	1	—	—	1	—	—	—	1	1	—	14	—	—
FORT WILLIAM	41	1	—	—	—	—	—	—	1	—	—	—	—	1	2	—	—	—
HAMILTON	282	1	1	6	4	1	—	1	1	1	—	2	1	1	8	32	—	12
KINGSTON	279	1	3	3	3	1	1	2	1	—	—	2	—	1	16	21	—	13
LANGSTAFF	85	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
LONDON	399	1	—	12	2	—	—	2	1	1	—	—	—	1	3	54	3	31
NEW TORONTO	276	1	—	7	4	—	—	3	1	1	—	2	1	1	3	41	10	15
ORILLIA	362	1	—	2	—	1	—	—	2	1	11	2	1	1	2	18	—	—
PENETANG	148	1	—	1	—	—	—	1	1	—	1	—	—	1	—	9	—	—
ST. THOMAS	135	1	4	—	4	—	—	—	1	—	—	—	—	1	17	—	—	—
TORONTO	271	1	—	4	7	—	—	3	1	1	—	—	1	1	1	53	—	—
WHITBY	292	1	—	5	—	—	—	1	1	1	—	2	1	1	—	40	7	2
WOODSTOCK	351	1	2	6	—	—	7	2	1	1	—	—	—	1	2	48	—	—
ALL HOSPITALS	3,241	14	10	51	25	5	8	16	14	7	12	12	6	13	58	364	24	80

TABLE No. 35—(Continued)
CLASSIFICATION OF STAFF BY HOSPITAL
Year Ending March 31, 1946

HOSPITALS	Nurse Attendants (not on ward duty)	Nurse Attendants (on ward duty)	Chief Attendant	Attendants (not on ward duty)	Attendants (on ward duty)	Steward, Stockkeeper and Store Assistants	Clerical and Stenographic Staff		Kitchen and Dining Room Help		Laundry Help		Other Domestic Help	Farmers, Gardeners, and Assistants	Engineers and other Mechanical Help	Other Male Help	Other Female Help
							M.	F.	M.	F.	M.	F.					
Brockville	1	9	1	11	83	3	4	8	3	8	1	5	7	9	21	4	13
Cobourg	—	20	—	—	—	2	1	2	—	4	—	2	3	1	9	5	—
Fort William	—	—	1	5	15	1	—	2	1	5	1	—	—	3	2	—	—
Hamilton	1	28	2	14	95	3	2	10	6	7	1	5	—	8	21	4	3
Kingston	25	17	1	7	82	4	1	8	7	—	2	4	11	9	26	4	3
Langstaff	—	—	1	—	43	2	1	1	1	1	1	—	—	25	7	—	—
London	35	40	1	5	117	3	1	12	4	12	3	6	10	13	22	1	3
New Toronto	—	30	1	1	90	3	1	12	5	7	3	5	—	3	18	3	4
Orillia	6	98	1	9	89	4	4	11	15	18	4	7	—	18	23	9	4
Penetang	—	17	2	—	77	2	—	2	2	5	1	3	1	5	8	6	2
St. Thomas	45	—	—	—	17	4	3	10	10	6	—	—	6	—	—	5	1
Toronto	1	39	1	—	87	5	—	7	4	10	2	6	3	1	18	9	5
Whitby	2	32	1	4	110	3	3	11	8	8	1	6	5	14	21	1	—
Woodstock	2	53	1	8	119	3	2	15	11	19	3	4	1	9	21	7	2
ALL HOSPITALS	118	383	14	64	1,024	42	23	111	77	110	23	53	47	118	217	58	40

TABLE No. 36

EXPENDITURES REPORTED BY ONTARIO HOSPITALS

April 1, 1945 To March 31, 1946

HOSPITALS	All Hospitals	Brockvlle	Cobourg	Fort William	Hamilton	Kingston	Langstaff	London
Total Days Stay	5,501,078	427,385	180,825	28,590	551,515	428,783	155,616	587,317
Average Daily Population§	15,270	1,171	495	78	1,511	1,175	426	1,609
Medicines*	$ 145,377.31	$ 6,651.04	$ 2,827.84	$ 1,236.37	$ 17,798.61	$ 10,691.44	$ 3,562.86	$ 23,096.31
Provisions	1,140,223.86	80,881.69	29,759.18	5,835.45	124,073.03	93,869.00	43,772.49	112,237.80
Boarded-out Patients	118,459.89	8,271.01			4,302.68	10,449.73		14,324.07
Fuel, Light and Water	494,520.16	35,022.91	15,548.16	5,386.62	62,641.02	36,541.86	13,318.02	57,778.07
Clothing	192,204.07	11,565.48	8,425.85	1,187.70	16,988.06	13,161.11	6,499.60	28,409.07
Laundry and Cleaning	106,948.15	7,107.07	4,589.28	1,038.83	10,632.78	7,244.70	2,921.63	13,337.59
Furniture and Furnishings	152,024.10	13,975.97	5,500.18	612.23	19,604.88	9,004.73	1,761.60	19,516.76
Office Expense	29,207.36	1,964.26	602.61	343.49	4,116.50	2,091.50	874.71	2,664.48
Allowances†	172,376.79	15,052.95	8,140.29	1,707.36	21,074.65	20,844.09	5,631.76	13,099.28
Feed, Fodder and Livestock	218,995.44	20,214.00		9,027.14	38,677.39	14,187.90	31,833.09	13,841.25
Farm Expense	63,173.34	4,160.16	365.14	2,503.82	5,047.91	4,254.39	8,609.60	7,355.39
Contingencies	70,347.53	4,021.04	1,902.78	1,385.67	7,727.35	5,327.88	11,878.06	5,504.59
Salaries	4,343,642.91	356,796.92	102,136.01	51,370.50	426,285.71	375,355.11	127,785.89	506,028.75
Total Gross	$7,247,500.91	$ 565,684.50	$ 179,797.32	$ 81,635.18	$ 758,970.57	$ 603,023.44	$ 258,449.31	$ 817,193.41
Less Recoveries‡	$2,056,898.62	$ 176,927.45	$ 26,522.82	$ 31,599.93	$ 248,898.94	$ 127,108.05	$ 107,701.01	$ 230,371.86
Total Net	$5,190,602.29	$ 388,757.05	$ 153,274.50	$ 50,035.25	$ 510,071.63	$ 475,915.39	$ 150,748.30	$ 586,821.55
Repairs to Buildings Expense	$ 130,896.05	$ 7,465.27	$ 4,381.45	$ 2,148.42	$ 16,611.64	$ 18,611.72	$ 3,249.71	$ 14,233.19
TOTALS	$5,321,498.34	$ 396,222.32	$ 157,655.95	$ 52,183.67	$ 526,683.27	$ 494,527.11	$ 153,998.01	$ 601,054.74

*Medicines include tobacco.

†Allowances include employees' meals, employees' uniforms and other employees' allowances.

‡Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

§Includes patients in boarding homes.

TABLE No. 36—(Continued)
EXPENDITURES REPORTED BY ONTARIO HOSPITALS
April 1, 1945 To March 31, 1946

HOSPITALS	New Toronto	Orillia	Penetang	St. Thomas	Toronto	Whitby	Woodstock
Total Days Stay	538,628	785,019	231,777	41,492	470,444	631,857	441,830
Average Daily Population #	1,476	2,151	635	322	1,290	1,721	1,210
Medicines*	$ 9,763.88	$ 11,696.71	$ 7,443.21	$ 9,074.44	$ 11,851.98	$ 12,224.18	$ 17,458.44
Provisions	96,792.70	160,228.02	48,228.71	12,584.36	102,577.10	124,436.28	104,948.05
Boarded-out Patients	25,428.09	20,249.54	4,434.15	....	10,108.20	20,892.42	....
Fuel, Light and Water	35,362.12	63,560.37	27,115.38	7,711.78	30,970.83	59,805.22	43,757.80
Clothing	19,720.68	34,773.97	7,758.84	3,472.16	15,078.68	13,200.18	11,962.69
Laundry and Cleaning	9,680.20	15,006.65	3,617.49	2,585.99	8,793.16	10,096.32	10,296.46
Furniture and Furnishings	14,733.54	26,284.96	4,493.99	3,383.83	13,273.77	12,096.41	7,781.25
Office Expense	3,060.53	2,558.14	1,388.33	1,108.15	1,827.26	2,896.18	3,711.22
Allowances†	15,515.11	19,249.00	7,747.31	2,468.79	15,149.14	20,340.54	6,356.52
Feed, Fodder and Livestock	6,165.07	30,484.56	14,329.40	....	....	26,732.98	13,502.66
Farm Expense	3,876.99	8,669.96	2,039.21	1,820.54	262.30	9,467.17	4,740.76
Contingencies	4,534.74	6,702.16	2,423.00	1,934.10	5,095.25	5,569.36	6,341.55
Salaries	367,697.34	475,265.30	234,758.32	52,003.50	361,025.66	420,963.34	486,170.56
Total Gross	$ 612,330.99	$ 874,729.34	$ 365,777.34	$ 98,147.64	$ 576,013.33	$ 738,720.58	$ 717,027.96
Less Recoveries‡	$ 146,193.06	$ 191,145.11	$ 68,298.88	$ 9,430.14	$ 109,747.44	$ 379,500.30	$ 203,453.63
Total Net	$ 466,137.93	$ 683,584.23	$ 297,478.46	$ 88,717.50	$ 466,265.89	$ 359,220.28	$ 513,574.33
Repairs to Buildings Expense	$ 14,323.65	$ 11,981.75	$ 4,545.52	$ 424.06	$ 10,697.65	$ 12,928.64	$ 9,293.38
TOTALS	$ 480,461.58	$ 695,565.98	$ 302,023.98	$ 89,141.56	$ 476,963.54	$ 372,148.92	$ 522,867.71

*Medicines include tobacco.

†Allowances include employees' meals, employees' uniforms and other employees' allowances.

‡Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

#Includes patients in boarding homes.

TABLE No. 37
COST PER PATIENT PER DAY BY HOSPITAL
April 1, 1945—March 31, 1946

ITEMS	TOTAL	Brock-ville	Cobourg	Fort William	Hamilton	Kingston	Lang-staff	London	New Toronto	Orillia	Pene-tang	St. Thomas§	Toronto	Whitby	Wood-stock
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Medicines*....................	2.64	1.56	1.56	4.32	3.22	2.49	2.29	3.91	1.81	1.49	3.17	21.93	2.52	1.92	3.95
Provisions....................	20.73	18.92	16.45	20.41	22.50	21.89	28.13	19.13	17.97	20.40	20.82	30.35	21.80	19.62	23.76
Boarded-out Patients..........	2.15	1.94	....	....	.78	2.44	——	2.44	4.72	2.58	1.91	——	2.15	3.30	——
Fuel, Light and Water.........	8.99	8.19	8.60	18.84	11.36	8.52	8.56	9.84	6.57	8.10	11.70	18.53	6.58	10.22	9.91
Clothing......................	3.49	2.71	4.66	4.14	3.08	3.07	4.17	4.84	3.66	4.43	3.35	8.32	3.21	2.08	2.71
Laundry and Cleaning..........	1.94	1.66	2.54	3.63	1.93	1.69	1.88	2.27	1.79	1.91	1.57	6.24	1.87	1.59	2.33
Furniture and Furnishings.....	2.76	3.27	3.04	2.14	3.55	2.10	1.13	3.32	2.74	3.35	1.94	8.20	2.82	1.91	1.76
Office Expense................	.53	.46	.33	1.20	.75	.49	.56	.45	.57	.33	.59	2.61	.39	.45	.84
Allowances†...................	3.13	3.52	4.50	5.97	3.82	4.86	3.62	2.23	2.88	2.45	3.35	6.12	3.22	3.21	1.44
Feed, Fodder and Livestock....	3.98	5.70	——	31.58	7.01	3.30	20.46	2.36	1.15	4.88	5.74	——	——	4.23	3.60
Farm Expense..................	1.15	.97	.22	8.75	.92	1.22	5.53	2.06	.72	1.12	1.33	4.41	.06	1.49	1.07
Contingencies.................	1.28	.94	1.05	4.84	1.40	1.25	7.63	.94	.84	.85	1.05	4.50	1.08	.88	1.42
Salaries......................	78.96	76.38	50.93	160.81	69.36	77.91	67.52	77.82	61.60	54.21	89.46	115.23	69.36	58.88	98.92
Total Gross per Diem...	131.75	126.22	93.88	266.63	129.68	131.23	151.48	131.61	107.02	106.10	145.98	226.44	115.06	109.78	151.71
Less Recoveries‡..............	37.39	42.39	14.67	110.51	45.14	29.64	69.21	39.22	27.15	24.35	29.47	22.72	23.32	60.06	46.04
Total Net per Diem.....	94.36	83.83	79.21	156.12	84.54	101.59	82.27	92.39	79.87	81.75	116.51	203.72	91.74	49.72	105.67
Repairs to Buildings Expense..	2.38	1.75	2.42	7.52	3.01	4.34	2.09	2.42	2.66	1.53	1.96	1.02	2.27	2.05	2.10
TOTALS.............	96.74	85.58	81.63	163.64	87.55	105.93	84.36	94.81	82.53	83.28	118.47	204.74	94.01	51.77	107.77

*Medicines include tobacco.

†Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

§St. Thomas in operation 5 months.

TABLE No. 38
ANNUAL DENTAL REPORT—ONTARIO HOSPITALS
Year Ending March 31, 1946

	TOTAL	Brockville	Cobourg	Fort William	Hamilton	Kingston	Langstaff	London	New Toronto	Orillia	Penetang	St. Thomas	Toronto	Whitby	Woodstock
Patients at Clinic	26,437	1,857	695	452	1,349	1,236	476	2,510	4,269	3,919	1,430	229	1,940	2,541	3,534
Examinations Only	9,833	689	222	336	542	573	7	865	2,331	1,572	496	182	739	879	400
Patients Treated	10,751	—	452	116	—	—	—	1,501	2,096	2,373	929	150	—	—	3,134
Patients X-Rayed	1,208	38	26	—	12	25	—	108	273	120	15	91	17	348	135
Number of Pictures Taken	10,247	384	299	—	86	234	—	1,316	2,299	1,177	—	1,110	48	2,234	1,060
Extractions	6,792	483	169	114	637	426	68	1,066	684	1,414	498	32	233	439	529
General Anaesthetics	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Local Anaesthetics	4,866	445	106	54	527	426	68	722	462	645	327	33	106	432	513
Fillings	6,489	244	230	15	581	284	122	906	344	1,604	156	93	474	735	701
Pyrrhoea Treatments	2,219	21	31	2	5	248	—	—	1,279	349	—	69	—	210	5
Prophylaxis	5,403	413	162	96	256	692	415	553	63	527	352	38	491	360	985
Other Treatments	4,637	45	16	—	38	539	4	214	1,636	357	26	11	168	179	1,404
Replacements	196	—	—	—	4	4	—	45	15	3	—	—	56	30	39
Dentures Repaired	339	37	15	2	24	27	11	5	16	1	38	2	33	39	89

TABLE No. 39
LABORATORY AND PATHOLOGICAL REPORT
April, 1945 to March, 1946

PROCEDURES	TOTAL	Brock-ville	Cobourg	Fort William	Hamilton	King-ston	London	New Toronto	Orillia	Pene-tang	St. Thomas	Toronto	Whitby	Wood-stock	Psychia-tric
Urinalysis:															
Chemical	15,088	1,011	114	92	4,216	805	1,337	927	1,367	926	177	1,147	1,755	457	757
Microscopic	6,925	44	2	45	1,806	619	2	927	746	12	177	—	1,561	461	523
Other Procedures	590	—	6	—	2	9	—	53	74	27	136	—	—	283	—
Blood Examinations:															
White Cell Count	4,712	40	2	60	1,216	290	559	631	262	4	38	496	235	336	543
Red Cell Count	3,803	38	4	60	726	285	705	624	234	4	45	527	183	332	36
Differential Count	627	6	2	60	86	27	8	172	28	—	29	2	66	115	26
Haemoglobin Estimations	4,772	39	53	56	731	257	781	756	239	148	50	538	201	389	534
Chemical Estimations	374	—	—	6	55	173	—	—	—	—	4	—	54	18	64
Blood Cultures	118	—	—	—	13	24	5	1	—	3	—	14	48	3	7
Blood Sugars	1,116	15	—	1	174	131	444	17	—	8	12	167	118	3	26
Glucose Tolerance Tests	41	—	—	—	41	—	—	—	—	—	—	—	—	—	—
Widal and B. Abortus Agglutinations	92	—	—	—	2	12	40	—	—	2	15	—	—	21	—
Wassermann's	4,695	420	63	128	838	303	538	440	215	51	89	582	254	270	504
Kahn's	3,066	190	—	128	—	111	1,329	337	—	9	167	—	254	298	243
Spinal Fluid Examinations:															
Cell Counts	770	32	—	37	4	40	375	12	—	—	2	146	87	34	1
Globulin Tests	595	32	—	37	1	9	375	—	—	1	2	2	87	49	—
Colloidal Gold and Mastics	635	34	—	37	1	12	375	38	—	—	2	—	87	49	—
Wassermann's	794	34	—	37	104	45	372	59	—	2	2	—	87	52	—
Kahn's	593	30	—	37	—	1	385	51	—	1	—	—	87	1	—
Sputum Examinations	15,581	76	—	6	5,339	282	381	1,507	—	10	37	1,602	309	6,032	—
Throat Swabs	42	—	—	—	3	12	11	13	—	1	2	—	—	—	—
Faecal Examinations	322	—	—	—	85	7	93	74	—	—	3	11	29	20	—
Gastric Analysis	3	—	—	—	—	—	—	—	—	—	—	—	3	—	—
Basal Metabolism	32	—	—	—	—	—	—	—	—	—	—	—	32	—	—
Tissue Examinations:															
Surgical	37	—	—	—	—	12	15	9	—	1	—	—	—	—	—
Post Mortem	9	1	—	—	—	—	—	—	—	—	—	—	8	—	—
Autopsies	19	1	—	—	—	—	18	—	—	—	—	—	—	—	—
Serological Therapy	5,385	1,237	24	76	—	56	1,333	—	446	—	—	1,068	1,042	103	—
Other Tests (Not listed)	10,878	23	324	297	319	268	1,529	230	2,061	70	81	3,691	123	1,807	55
TOTAL PROCEDURES	81,714	3,303	594	1,200	15,762	3,790	11,010	6,878	5,672	1,280	1,070	9,993	6,710	11,133	3,319

TABLE No. 40

RESULTS OF BLOOD WASSERMANN TESTS ON FIRST ADMISSIONS

(For the Year April 1, 1945 to March 31, 1946)

HOSPITALS	Patients Tested			Negative			Doubtful			Positive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	64	97	161	60	94	154	—	—	—	4	3	7
Cobourg	—	18	18	—	17	17	—	—	—	—	1	1
Fort William	67	—	67	63	—	63	—	—	—	4	—	4
Hamilton	193	227	420	179	219	398	3	1	4	11	7	18
Kingston	92	86	178	86	84	170	—	—	—	6	2	8
London	179	171	350	169	167	336	4	1	5	6	3	9
New Toronto	122	124	246	112	120	232	—	—	—	10	4	14
Orillia	96	55	151	95	53	148	—	2	2	1	—	1
Penetang	11	6	17	11	6	17	—	—	—	—	—	—
St. Thomas	—	4	4	—	3	3	—	—	—	—	1	1
Toronto	117	149	266	81	139	220	1	—	1	35	10	45
Whitby	197	221	418	189	220	409	2	1	3	6	—	6
Woodstock	42	32	74	41	31	72	—	—	—	1	1	2
TOTAL TESTED	1,180	1,190	2,370	1,086	1,153	2,239	10	5	15	84	32	116

TABLE No. 41

REPORT OF WORK BY ONTARIO HOSPITALS' CHEST CLINIC (For Fiscal Year Ending March 31st, 1946)*

	Toronto Psychiatric		Brockville		Cobourg		Fort William		Hamilton		Kingston		London		New Toronto		Orillia	
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients
No. of individuals considered	149	459	322	1,296	113	492	61	184	403	2,004	433	1,395	589	1,961	368	1,674	461	2,133
No. of chest examinations performed	4	0	8	42	3	17	0	0	6	25	9	42	11	41	10	39	6	53
No. of chest X-rays interpreted	182	468	461	1,508	148	553	71	201	557	2,300	543	1,689	802	2,297	499	2,062	527	1,245
No. of Tuberculin tests performed	46	0	136	48	52	12	9	0	183	24	210	35	185	46	136	37	244	1,144
No. of cases advised for treatment (active disease)	0	1	0	10	0	0	0	0	2	11	0	5	0	4	0	13	0	11
No. of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated	12	58	36	121	19	32	6	3	45	179	54	132	50	156	33	128	60	99
Total number of cases showing significant tuberculosis. (Pulmonary)	4	1	17	137	5	40	2	2	13	116	12	142	17	129	10	143	10	92

*See text on page 22.

TABLE No. 41—(Continued)

REPORT OF WORK BY ONTARIO HOSPITALS' CHEST CLINIC (For Fiscal Year Ending March 31st, 1946)*

	PENETANG		ST. THOMAS		TORONTO		WHITBY		WOODSTOCK		LANGSTAFF		T. B. UNIT		COLONY HOUSES		TOTALS		GRAND TOTALS
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	
No. of individuals considered	172	651	120	1	325	1,549	332	1,927	466	722	87	420	Included with Staff—Ontario Hospital, Woodstock	730	5	47	4,406	17,645	22,051
No. of chest examinations performed	9	11	0	0	5	66	14	27	135	1	3	6		1,442	0	0	220	1,806	2,026
No. of chest X-rays interpreted	197	675	144	19	436	1,879	352	2,151	965	822	118	484		1,442	5	47	6,007	19,842	25,849
No. of Tuberculin tests performed	66	12	0	0	66	61	175	27	262	30	43	5		10	0	0	1,813	1,491	3,304
No. of cases advised for treatment (Active Disease)	0	0	0	0	0	5	0	6	1	1	1	2		—	0	0	4	69	73
No. of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated	28	39	13	0	42	157	46	177	50	53	12	35		—	0	0	506	1,369	1,875
Total number of cases showing significant tuberculosis. (Pulmonary)	7	88	1	0	12	123	12	131	23	32	2	36		—	0	0	147	1,212	1,359

*See text on page 22.

TABLE No. 42

MOVEMENT OF PATIENT POPULATION, PSYCHIATRIC HOSPITAL, TORONTO

Year Ending March 31, 1946

POPULATION	Male	Female	TOTAL
1. Patients in Residence April 1, 1945	27	34	61
2. Patients Admitted During Year:			
First Admissions	187	232	419
Readmissions	54	36	90
Total Admissions	241	268	509
3. Total Patients Under Care During Year	268	302	570
4. Discharged From Books During Year:			
Discharged as Recovered	–	–	–
Discharged as Improved	90	137	227
Discharged as Unimproved	7	16	23
Returned to Court	51	14	65
Other (M.H.A.)	8	4	12
Total Discharged	156	171	327
Deaths	8	4	12
Transfers	72	93	165
Patients Discharged from Books	236	268	504
5. Patients in Residence, March 31, 1946	32	34	66
6. Daily Average Population in Residence	26.8	32.8	59.6
7. Normal Capacity of Institution	30	34	64
8. Patients Examined at Mental Health Clinic	693	813	1,506

MENTAL HEALTH CLINICS

C. ROGER MYERS, Ph.D., Psychologist

The following brief analysis draws attention to some of the features of the work done by the Ontario Mental Health Clinics during the year April 1, 1945 to March 31, 1946.

Table 1 shows that 3,609 new cases were seen and 7,152 case contacts were made by the five Clinics operating during the war. A total of 52,550 new cases have been seen by the Clinics since the inauguration of the Mental Health Clinic service in June, 1930.

Table 2 shows sources from which the Clinics receive their cases. During the year 37.1 per cent of the total number of new cases were referred to the Clinics by Welfare Agencies. Medical Agencies referred 33.3 per cent.

The sex distribution of new cases in 1946, shown in Table 3, remains much the same as in previous years. Fifty-six per cent of the new cases examined were males.

Table 4 shows the number and per cent of new cases by age groups. One-third of these cases (32.3 per cent) are adults. Nearly half the new cases (42.7 per cent) are below the age of 14 years.

The types of problems encountered are classified in Table 5. No significant changes are noted compared with last year's returns.

In Table 6, the distribution of clinic patients according to intelligence is shown. The group comprising "Normal" and "Undiagnosed" contributed 35.5 per cent of the total cases for the year as compared with 52.6 per cent in 1945 and 54.3 per cent in 1944.

Table 7 shows the frequency of certain specific diagnostic categories among the new cases examined this year, and Table 8, shows the frequency of certain specific treatments recommended.)

TABLE No. 1

CASE LOAD

CLINICS	YEAR ENDING MARCH 31, 1946		Number of New Cases (Since 1930)
	Number of New Cases	Number of Case Contacts†	
Brockville	700	2,813	8,083
Hamilton	740	3,145	9,747
Kingston	183	312	5,343
London	480	882	9,477
New Toronto	....	....	1,720*
Orillia	....	....	1,568*
Whitby	....	....	4,156*
Toronto Psychiatric	1,506	Not available	12,456
TOTALS	3,609	7,152	52,550

*New Toronto Clinic figure is for 1931-1937.
Orillia Clinic figure is for 1931-1934.
Whitby Clinic figure is for 1931-1942.
†Any contact made by any ONE member of the Clinic Staff (including "new" and "return" cases).

NOTE: In subsequent tables information concerning the nature of the case load is provided for 1,893 of the new cases (excluding all cases examined at the Toronto Psychiatric Hospital and 210 of the cases examined by the Hamilton Clinic).

TABLE No. 2
NEW CASES BY REFERRING AGENCY

REFERRING AGENCY	Number of Cases	Per Cent
Welfare Agencies	**703**	**37.1**
Relief Agencies	2	0.1
Mother's Allowance Commission	4	0.2
Children's Aid Society	649	34.3
Other Agencies	48	2.5
Medical Agencies	**631**	**33.3**
Family Physician	369	19.5
School Medical Services	65	3.4
General Hospitals	34	1.8
Mental Hospitals	15	0.8
Other Health Agencies	148	7.8
Educational Agencies	**104**	**5.5**
Courts	**348**	**18.4**
Adult	171	9.0
Juvenile	177	9.4
Family	**40**	**2.1**
Self	**18**	**1.0**
Other	**49**	**2.6**
TOTALS	1,893	100.0

TABLE No. 3
NEW CASES BY SEX

SEX	Number	Per Cent
Male	1,070	56.5
Female	823	43.5
BOTH SEXES	1,893	100.0

TABLE No. 4
NEW CASES BY AGE

AGE GROUPS (Years)	Number of Cases	Per Cent
0-5	308	16.3
6-13	500	26.4
14-21	441	23.3
22 and over	612	32.3
Not Stated	32	1.7
TOTALS	1,893	100.0

TABLE No. 5

FREQUENCY OF CERTAIN SPECIFIC PROBLEMS

PROBLEM	Number of Cases	Per Cent
Suspected Mental Illness	452	23.9
Suspected Mental Defect*	249	13.2
Convulsive Disorders	44	2.3
Probation Supervision	23	1.2
Boarding Home Supervision	15	0.8
Juvenile Delinquency	302	16.0
Child Training†	137	7.2
Adult Adjustment	165	8.7
Estimation of Intelligence	304	16.0
Vocational Advice	7	0.4
Other Problems	195	10.3
TOTALS	1,893	100.0

*Includes school retardation.
†Other than delinquency.

TABLE No. 6

NEW CASES BY INTELLIGENCE GRADE

INTELLIGENCE GRADE	Number of Cases	Per Cent
Superior	129	6.8
Normal	381	20.1
Undiagnosed (estimated normal)	291	15.4
Dull Normal	248	13.1
Borderline	156	8.3
Moron	171	9.0
Imbecile	72	3.8
Idiot	9	0.5
Defective Unspecified	13	0.7
Not estimated	423	22.3
TOTALS	1,893	100.0

TABLE No. 7
FREQUENCY OF CERTAIN SPECIFIC PSYCHIATRIC CONDITIONS

PSYCHIATRIC CONDITION	Number of Cases	Per Cent
Neuroses	142	7.5
Schizophrenia	52	2.8
Manic-depressive	51	2.7
Senile Dementia	18	1.0
Psychosis with Arteriosclerosis	23	1.2
General Paresis	3	0.2
Involutional Melancholia	10	0.5
Other Psychoses	37	2.0
Psychopathic Personality	12	0.6
Epilepsy	35	1.8
Alcoholism	12	0.6
Drug Addiction	2	0.1
Mental Defect	176	9.3
Miscellaneous	1,320	69.7
TOTALS	1,893	100.0

TABLE No. 8
FREQUENCY OF CERTAIN TREATMENTS RECOMMENDED

TREATMENTS RECOMMENDED	Number Receiving Treatments
Individual Psychotherapy	211
School Adjustment	113
Habit Training	73
Home Adjustment—Other than Habit Training	91
Vocational Adjustment	49
Foster Home Care	197
Physical Care	143
Medication	53
Other	90
Institutional Care	267
Ontario Hospital, Orillia	38
Other Ontario Hospitals	145
Bowmanville Boys' Training School	6
Other Training Schools	44
Other Institutions	34
No Treatment Specified	286

SUPPLEMENTARY STATISTICAL TABLES

EPILEPTIC UNIT, ONTARIO HOSPITAL, WOODSTOCK
TUBERCULOSIS UNIT, ONTARIO HOSPITAL, WOODSTOCK
ONTARIO HOSPITAL SCHOOL, ORILLIA

SUPPLEMENTARY STATISTICAL TABLES
ONTARIO HOSPITAL, WOODSTOCK

TABLE A
POPULATION BY UNITS
April 1st, 1945 to March 31st, 1946

UNIT	First Admissions			Re-admissions			Transfers Received			In Residence March 31, 1946		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic	36	26	62	18	6	24	4	0	4	313	320	633
Tuberculosis	8	6	14	2	0	2	78	45	123	342	262	604
TOTAL	44	32	76	20	6	26	82	45	127	655	582	1,237

THE EPILEPTIC UNIT

TABLE B
FIRST ADMISSIONS BY AGE, SEX AND MENTAL STATUS
April 1, 1945 to March 31, 1946

PRESENT AGE	Normal			Dull Normal or Borderline			Moron			Imbecile			Unascertained			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years																		
10-14							2	0	2	1	0	1				3	0	3
15-19	0	1	1	4	1	5	1	3	4	2	0	2	5	2	7	12	7	19
20-24	1	0	1	1	1	2	2	1	3	0	2	2	1	0	1	5	4	9
25-29							0	1	1	0	1	1	1	1	2	1	3	4
30-34	0	1	1	1	1	2				0	1	1	3	1	4	4	4	8
35-39	1	0	1	0	1	1	0	1	1	1	0	1	0	1	1	2	3	5
40-44										0	1	1	3	0	3	3	1	4
45-49							0	1	1	0	1	1	1	0	1	1	2	3
50-54	0	1	1										1	0	1	1	1	2
55-59													1	0	1	1	0	1
60-64													1	0	1	1	0	1
65-69													1	1	2	1	1	2
70-74																		
75-79													1	0	1	1	0	1
80 and over																		
Not stated																		
ALL AGES	2	3	5	6	4	10	5	7	12	4	6	10	19	6	25	36	26	62

TABLE C

FIRST ADMISSIONS BY EPILEPTIC GROUPS AND TYPES OF SEIZURE

TYPES OF SEIZURE	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Petit Mal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Mal	1	0	1	—	—	—	4	0	4	3	0	3	—	—	—	8	0	8
Petit and Grand Mal	—	—	—	1	2	3	5	4	9	14	11	25	—	—	—	20	17	37
Petit and/or Grand Mal c̄ Post-Epileptic States	—	—	—	—	—	—	—	—	—	1	0	1	—	—	—	1	0	1
Petit and/or Grand Mal c̄ Psychic Equivalents	—	—	—	0	1	1	3	1	4	4	5	9	—	—	—	7	7	14
Petit and/or Grand Mal c̄ Hysteroid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jacksonian	—	—	—	—	—	—	0	1	1	—	—	—	—	—	—	0	1	1
Psychic Equivalent	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not Epileptic; Hysteroid and Unclassified	—	—	—	—	—	—	—	—	—	—	—	—	0	1	1	0	1	1
TOTALS	1	0	1	1	3	4	12	6	18	22	16	38	0	1	1	36	26	62

TABLE D

FIRST ADMISSIONS BY DURATION OF EPILEPSY BEFORE ADMISSION AND BY EPILEPTIC GROUPS

DURATION OF EPILEPSY BEFORE ADMISSION	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 year	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 year	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 years	–	–	–	–	–	–	–	–	–	0	1	1	–	–	–	0	1	1
3-4 years	–	–	–	–	–	–	1	2	3	4	2	6	–	–	–	5	4	9
5-9 years	1	0	1	1	1	2	1	0	1	8	2	10	–	–	–	11	3	14
10 years and over	–	–	–	0	2	2	10	4	14	10	11	21	–	–	–	20	17	37
Unascertained	–	–	–	–	–	–	–	–	–	–	–	–	0	1	1	0	1	1
TOTALS	1	0	1	1	3	4	12	6	18	22	16	38	0	1	1	36	26	62

TABLE E
ETIOLOGICAL FACTORS* AMONG FIRST ADMISSIONS BY EPILEPTIC GROUPS

ETIOLOGICAL FACTORS	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Head injury at birth....	–	–	–	–	–	–	2	1	3	–	–	–	–	–	–	2	1	3
Trauma since birth.....	–	–	–	–	–	–	5	2	7	–	–	–	–	–	–	5	2	7
Developmental defects..	–	–	–	–	–	–	3	3	6	4	4	8	–	–	–	7	7	14
Meningo-encephalitis complicating infections†...............	–	–	–	–	–	–	2	0	2	–	–	–	–	–	–	2	0	2
Gastro-intestinal disorders.............	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other infectious diseases	–	–	–	1	0	1	–	–	–	–	–	–	–	–	–	1	0	1
Cerebro-vascular sclerosis.............	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis—acquired......	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
—congenital....	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Alcoholism.............	1	0	1	–	–	–	–	–	–	–	–	–	–	–	–	1	0	1
Endocrinopathy........	–	–	–	0	1	1	–	–	–	–	–	–	–	–	–	0	1	1
Pregnancy.............	–	–	–	0	1	1	–	–	–	–	–	–	–	–	–	0	1	1
Family history of convulsions.............	–	–	–	0	2	2	1	1	2	7	4	11	–	–	–	8	7	15
Other specified causes...	–	–	–	1	2	3	5	4	9	4	9	13	–	–	–	10	15	25
Cause unascertained....	–	–	–	–	–	–	–	–	–	10	4	14	–	–	–	10	4	14
Not epileptic...........	–	–	–	–	–	–	–	–	–	–	–	–	0	1	1	0	1	1
TOTALS........	1	0	1	2	7	9	18	11	29	25	21	46	0	1	1	46	40	86

*If more than one etiological factor is found, all are reported in table.
†Includes all cases due to lesions resulting from non-syphilitic meningitis or encephalitis; e.g. scarlet fever, measles, influenza, typhoid fever, encephalitis lethargia, etc.

TABLE F
DISCHARGES BY EPILEPTIC GROUPS AND CONDITION ON DISCHARGE

CONDITION ON DISCHARGE	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Recovered............	1	0	1	–	–	–	2	1	3	9	5	14	–	–	–	12	6	18
Improved.............	–	–	–	0	1	1	3	2	5	20	13	33	–	–	–	23	16	39
Unimproved...........	–	–	–	–	–	–	3	1	4	2	3	5	–	–	–	5	4	9
Not epileptic...........	–	–	–	–	–	–	–	–	–	–	–	–	1	0	1	1	0	1
TOTALS........	1	0	1	0	1	1	8	4	12	31	21	52	1	0	1	41	26	67

TABLE G

PATIENTS IN RESIDENCE BY AGE, SEX AND MENTAL STATUS

PRESENT AGE	Epileptics not insane or feebleminded			Epileptics who are feebleminded			Insane epileptics			Feebleminded, not epileptic			All other cases			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10-14	2	0	2	4	1	5	0	2	2	—	—	—	—	—	—	6	3	9
15-19	16	6	22	13	17	30	1	3	4	1	1	2	—	—	—	31	27	58
20-24	7	6	13	17	17	34	11	3	14	1	0	1	0	1	1	36	27	63
25-29	4	4	8	12	19	31	10	7	17	—	—	—	—	—	—	26	30	56
30-34	4	8	12	19	19	38	14	14	28	1	0	1	—	—	—	38	41	79
35-39	3	4	7	15	22	37	8	22	30	2	0	2	—	—	—	28	48	76
40-44	4	4	8	16	9	25	19	15	34	1	0	1	—	—	—	40	28	68
45-49	3	3	6	5	18	23	13	17	30	—	—	—	—	—	—	21	38	59
50-54	2	2	4	8	6	14	21	18	39	2	0	2	1	0	1	34	26	60
55-59	2	2	4	3	4	7	11	19	30	—	—	—	2	0	2	18	25	43
60-64	2	3	5	0	1	1	8	10	18	—	—	—	1	0	1	11	14	25
65-69	7	2	9	—	—	—	5	6	11	—	—	—	1	0	1	13	8	21
70-74	3	0	3	1	0	1	1	2	3	—	—	—	—	—	—	5	2	7
75-79	1	0	1	—	—	—	4	0	4	—	—	—	1	0	1	6	0	6
80 and over	—	—	—	—	—	—	0	3	3	—	—	—	—	—	—	0	3	3
Not Stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ALL AGES	60	44	104	113	133	246	126	141	267	8	1	9	6	1	7	313	320	633

SUPPLEMENTARY STATISTICAL TABLES
THE TUBERCULOSIS UNIT
ONTARIO HOSPITAL, WOODSTOCK

TABLE A

MOVEMENT OF PATIENT POPULATION

April 1, 1945 to March 31, 1946

POPULATION	Male	Female	TOTAL
1. Patients on the Books at the beginning of the year:			
(a) In Residence	321	264	585
(b) In Boarding Homes	–	–	–
(c) On Probation	–	3	3
(d) On Elopement (not discharged)	–	–	–
(e) Total on the Books	321	267	588
2. Patients Admitted during the year:			
(a) First Admissions	9	6	15
(b) Readmissions	1	–	1
(c) First Transfers	73	40	113
(d) Re-Transfers	8	5	13
(e) Total Patients Admitted	91	51	142
3. Total Patients under care during the year	412	318	730
4. Patients Discharged from Books during year:			
(a) Discharged	3	6	9
(b) Deported	–	–	–
(c) Elopers discharged	–	–	–
(d) Died†	30	24	54
(e) Transferred	35	25	60
(f) Total Patients Discharged from books	68	55	123
5. Patients on the Books at the end of the year: (Item 1e + 2e − 4f)			
(a) In Residence	342	262	604
(b) In Boarding Homes	–	–	–
(c) On Probation	2	1	3
(d) On Elopement (not discharged)	–	–	–
(e) Total on Books	344	263	607
6. Daily Average Population in residence	321.9	264.4	586.3
7. Daily Average Population on books	324.0	267.5	591.4

†Does NOT include deaths on probation or elopement. These are classed as discharged.

TABLE B
MOVEMENT OF POPULATION BY TUBERCULOSIS STATUS ON ADMISSION AND SEX

SOURCE OR DESTINATION	TOTAL			TUBERCULOSIS STATUS																	
				Minimal			Mod. Advanced			Far Advanced			Quiescent or Arrested			Non-Pulmonary			Observation		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
First Admissions	9	6	15	3	0	3	1	3	4	4	2	6	1	1	2	—	—	—	—	—	—
First Transfers	73	40	113	26	18	44	6	2	8	4	0	4	0	1	1	8	0	8	29	19	48
Re-admissions	1	0	1	—	—	—	—	—	—	—	—	—	1	0	1	—	—	—	—	—	—
Re-Transfers	8	5	13	4	2	6	—	—	—	—	—	—	1	2	3	1	1	2	2	0	2
Discharges Home	1	4	5	—	—	—	—	—	—	0	1	1	—	—	—	—	—	—	1	3	4
Discharges to Sanatoria	2	2	4	—	—	—	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—
Deportations	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elopements	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Transfers to Ontario Hospitals	35	25	60	10	8	18	7	3	10	2	0	2	3	7	10	2	0	2	11	7	18
Deaths in Hospital	30	24	54	6	7	13	11	7	18	3	2	5	2	3	5	0	1	1	8	4	12
GRAND TOTAL	159	106	265	49	35	84	27	17	44	13	5	18	8	14	22	11	2	13	51	33	84

TABLE C

FIRST ADMISSIONS AND FIRST TRANSFERS BY SOURCES, TUBERCULOSIS STATUS AND SEX

SOURCE	TOTAL			TUBERCULOSIS STATUS																		
				Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			For Observation Only			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
BROCKVILLE	16	5	21	7	2	9	—	—	—	1	0	1	—	—	—	4	0	4	4	3	7
COBOURG	0	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	2	2
FORT WILLIAM	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—	1	0	1	—	—	—
HAMILTON	5	5	10	1	4	5	1	0	1	—	—	—	—	—	—	1	0	1	2	1	3
KINGSTON	9	5	14	5	2	7	—	—	—	—	—	—	—	—	—	1	0	1	3	3	6
LANGSTAFF	3	0	3	2	0	2	—	—	—	—	—	—	—	—	—	—	—	—	1	0	1
LONDON	6	4	10	2	3	5	—	—	—	—	—	—	—	—	—	—	—	—	4	1	5
NEW TORONTO	6	6	12	2	2	4	1	1	2	1	0	1	—	—	—	—	—	—	2	3	5
ORILLIA	9	2	11	3	1	4	4	0	4	2	0	2	—	—	—	—	—	—	0	1	1
PENETANG	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TORONTO	10	7	17	3	2	5	0	1	1	—	—	—	0	1	1	—	—	—	7	3	10
WHITBY	5	4	9	1	2	3	—	—	—	—	—	—	—	—	—	1	0	1	3	2	5
WOODSTOCK	3	0	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	0	3
OTHER SOURCES	9	6	15	3	0	3	1	3	4	4	2	6	1	1	2	—	—	—	—	—	—
TOTAL	82	46	128	29	18	47	7	5	12	8	2	10	1	2	3	8	0	8	29	19	48

TABLE D
RE-ADMISSIONS AND RE-TRANSFERS BY SOURCES, TUBERCULOSIS STATUS AND SEX

SOURCE	TOTAL			TUBERCULOSIS STATUS																	
				Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			For Observation Only		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	0	1	1	1	0	1
Cobourg	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fort William	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamilton	1	2	3	1	1	2	—	—	—	—	—	—	0	1	1	—	—	—	—	—	—
Kingston	1	0	1	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Langstaff	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
London	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Toronto	3	2	5	1	1	2	—	—	—	—	—	—	1	1	2	—	—	—	1	0	1
Orillia	1	0	1	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Penetang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toronto	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—	1	0	1	—	—	—
Whitby	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Woodstock	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Sources	1	0	1	—	—	—	—	—	—	—	—	—	1	0	1	—	—	—	—	—	—
TOTAL	9	5	14	4	2	6	—	—	—	—	—	—	2	2	4	1	1	2	2	0	2

TABLE E

ADMISSIONS BY AGE ON ADMISSION AND SEX

AGE ON ADMISSION	First Admissions			First Transfers			Re-Admissions			Re-Transfers			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10............	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10-14................	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15-19................	—	—	—	3	1	4	—	—	—	—	—	—	3	1	4
20-24................	1	3	4	7	1	8	—	—	—	—	—	—	8	4	12
25-29................	2	0	2	12	3	15	—	—	—	1	0	1	15	3	18
30-34................	1	0	1	6	5	11	—	—	—	2	2	4	9	7	16
35-39................	—	—	—	8	4	12	—	—	—	1	0	1	9	4	13
40-44................	2	0	2	6	1	7	—	—	—	—	—	—	8	1	9
45-49................	2	0	2	3	2	5	—	—	—	0	1	1	5	3	8
50-54................	1	1	2	11	7	18	—	—	—	1	0	1	13	8	21
55-59................	—	—	—	4	8	12	—	—	—	1	1	2	5	9	14
60-64................	—	—	—	2	3	5	—	—	—	—	—	—	2	3	5
65-69................	—	—	—	1	1	2	—	—	—	1	1	2	2	2	4
70-74................	0	1	1	3	1	4	1	0	1	—	—	—	4	2	6
75-79................	0	1	1	4	2	6	—	—	—	1	0	1	5	3	8
80 and over..........	—	—	—	3	1	4	—	—	—	—	—	—	3	1	4
Not Stated...........	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ALL AGES......	9	6	15	73	40	113	1	0	1	8	5	13	91	51	142

TABLE F

PATIENTS IN RESIDENCE BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS		M.	F.	T.
With Psychosis	01.	With Syphilitic Meningo-Encephalitis	20	2	22
	02.	With other forms of Syphilis	1	0	1
	03.	With Epidemic Encephalitis	2	2	4
	04.	With other Infectious Diseases	1	0	1
	05.	Alcoholic Psychoses	3	0	3
	06a.	Due to Opium and Other Drugs	—	—	—
	06b.	Due to other Exogenous Toxins	—	—	—
	07.	Traumatic Psychoses	1	0	1
	08.	With Cerebral Arteriosclerosis	10	3	13
	09.	With other Disturbances of Circulation	1	0	1
	10.	With Convulsive Disorders (Epilepsy)	3	1	4
	11.	Senile Psychoses	4	7	11
	12.	Involutional Psychoses	4	9	13
	13.	Due to other Metabolic, etc. Diseases	0	1	1
	14.	Due to New Growth	—	—	—
	15.	With Organic Changes of Nervous System	1	1	2
	16.	Psychoneuroses	4	0	4
	17.	Manic-Depressive Psychoses	10	12	22
	18.	Dementia Praecox (Schizophrenia)	222	178	400
	19.	Paranoia and Paranoid Conditions	2	0	2
	20.	With Psychopathic Personality	1	1	2
	21.	With Mental Deficiency	10	10	20
	22.	Undiagnosed Psychoses	—	—	—
Without Psychosis	231a.	Epileptics not Psychotic or Feebleminded	2	0	2
	231b	Epileptics who are Feebleminded	6	1	7
	232.	Alcoholism	—	—	—
	233.	Drug Addiction	—	—	—
	234.	Mental Deficiency	34	34	68
	235.	Disorders of Personality	—	—	—
	236.	Psychopathic Personality	—	—	—
	24.	Primary Behaviour Disorders	—	—	—
	25.	Without Mental Disorder	—	—	—
		Total 1-22	300	227	527
		Total 23-25	42	35	77
		Grand Total	342	262	604

TABLE G
PATIENTS IN RESIDENCE BY PRESENT AGE, PRESENT TUBERCULOSIS STATUS AND SEX

PRESENT AGE	TOTAL			PRESENT TUBERCULOSIS STATUS																													
				ACTIVE												†QUIESCENT OR ARRESTED															For Observation Activity* Questionable		
				Minimal			Moderately Advanced			Far Advanced			Non-Pulmonary			Minimal			Moderately Advanced			Far Advanced			Non-Pulmonary						
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10-14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15-19	1	3	4	1	0	1	0	1	1	—	—	—	—	—	—	0	2	2	—	—	—	—	—	—	—	—	—	—	—	—
20-24	11	4	15	4	1	5	1	0	1	1	2	3	—	—	—	4	1	5	—	—	—	1	0	1	—	—	—	—	—	—
25-29	23	10	33	6	3	9	2	2	4	3	0	3	2	0	2	7	4	11	2	1	3	—	—	—	—	—	—	1	0	1
30-34	30	26	56	4	1	5	2	4	6	1	0	1	—	—	—	8	13	21	4	5	9	6	1	7	—	—	—	5	2	7
35-39	34	26	60	3	4	7	5	7	12	2	3	5	—	—	—	9	8	17	9	2	11	5	0	5	1	0	1	0	2	2
40-44	42	27	69	2	6	8	2	4	6	1	1	2	2	0	2	13	10	23	16	5	21	4	0	4	—	—	—	2	1	3
45-49	37	35	72	2	5	7	4	4	8	1	2	3	—	—	—	15	16	31	12	8	20	—	—	—	—	—	—	3	0	3
50-54	39	17	56	4	5	9	1	3	4	6	1	7	—	—	—	14	4	18	8	3	11	3	1	4	—	—	—	3	0	3
55-59	32	36	68	4	9	13	2	5	7	5	3	8	2	0	2	9	13	22	8	2	10	—	—	—	0	2	2	2	2	4
60-64	31	23	54	0	5	5	2	4	6	—	—	—	—	—	—	14	6	20	12	6	18	3	0	3	—	—	—	0	2	2
65-69	28	17	45	5	2	7	3	1	4	4	2	6	—	—	—	7	7	14	7	4	11	1	1	2	—	—	—	1	0	1
70-74	16	16	32	1	1	2	1	1	2	1	1	2	—	—	—	3	8	11	6	3	9	2	2	4	—	—	—	2	0	2
75-79	12	15	27	3	1	4	2	2	4	0	1	1	1	1	2	0	4	4	5	4	9	—	—	—	—	—	—	1	2	3
80 and over	6	7	13	0	1	1	0	1	1	—	—	—	—	—	—	2	2	4	2	3	5	—	—	—	—	—	—	2	0	2
Not Stated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ALL AGES	342	262	604	39	44	83	27	39	66	25	16	41	7	1	8	105	98	203	91	46	137	25	5	30	1	2	3	22	11	33

*Includes suspected tuberculosis.

†Includes also possibly and probably quiescent and possibly and probably arrested.

NOTE—Cases classed (1) Pleurisy with effusion, (2) Suspect tbc., etc.—classed as non-pulmonary.

TABLE H

LENGTH OF STAY* BY DESTINATION AND SEX

DESTINATION	LENGTH OF STAY IN YEARS AND MONTHS																					TOTAL		
	0.0–0.5			0.6–0.11			1.0–1.11			2.0–2.11			3.0–3.11			4.0–4.11			5.0 and over					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Discharge Home	†1	1	2	—	—	—	0	2	2	—	—	—	—	—	—	0	1	1	—	—	—	1	4	5
Discharge to Sanatoria	1	0	1	1	1	2	—	—	—	—	—	—	0	1	1	—	—	—	—	—	—	2	2	4
Deportation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elopement	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Transfer to Ontario Hospitals	—	—	—	2	1	3	10	5	15	7	1	8	5	1	6	3	1	4	8	16	24	35	25	60
Deaths in Hospital	6	4	10	2	4	6	4	7	11	3	1	4	1	0	1	4	0	4	10	8	18	30	24	54
ALL DESTINATIONS	8	5	13	5	6	11	14	14	28	10	2	12	6	2	8	7	2	9	18	24	42	68	55	123

*Length of stay in Woodstock tuberculosis unit, opened October, 1939.

†Died in Woodstock General Hospital—on probation.

TABLE I
CAUSE OF DEATH

CAUSE OF DEATH	TOTAL		
	M.	F.	T.
Infectious and Parasitic Diseases			
Typhoid and paratyphoid fever	—	—	—
Measles	—	—	—
Scarlet Fever	—	—	—
Diphtheria	—	—	—
Influenza	—	—	—
Dysentery	—	—	—
Tuberculosis of the respiratory system	20	12	32
Other forms of tuberculosis	—	—	—
Syphilis	—	—	—
Purulent infection, septicaemia	—	—	—
Other infectious and parasitic diseases	—	—	—
Cancer and Other Tumours			
Cancer and other malignant tumours	2	0	2
Tumours, non-malignant and unspecified	—	—	—
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases			
Acute rheumatic fever	—	—	—
Chronic rheumatism and gout	—	—	—
Diabetes mellitus	—	—	—
Diseases of the thyroid and parathyroid glands	—	—	—
Other general diseases	—	—	—
Diseases of the Blood and Blood Forming Organs			
Anaemia	0	1	1
Leukaemias, aleukaemias, and other diseases of the blood and blood forming organs	—	—	—
Chronic Poisonings and Intoxications			
Alcoholism (acute or chronic)	—	—	—
Other chronic poisonings	—	—	—
Diseases of the Nervous System and Organs of Special Sense			
Simple meningitis	—	—	—
Progressive locomotor ataxia (tabes dorsalis)	—	—	—
Cerebral haemorrhage, cerebral embolism and thrombosis	0	1	1
General paralysis of the insane	—	—	—
Dementia praecox and other psychoses	—	—	—
Epilepsy	—	—	—
Other diseases of the nervous system	—	—	—
Diseases of the eye, ear and their annexa	—	—	—
Diseases of the Circulatory System			
Pericarditis	—	—	—
Acute and chronic endocarditis, valvular diseases	1	0	1
Diseases of the myocardium	3	6	9
Diseases of the coronary arteries and angina pectoris	1	0	1
Other diseases of the heart	—	—	—
Arteriosclerosis	—	—	—
Other diseases of the circulatory system	—	—	—
Diseases of the Respiratory System			
Bronchitis	—	—	—
Pneumonias (lobar, broncho and unspecified)	1	0	1
Pleurisy	0	2	2
Other diseases of the respiratory system (not tuberculosis)	0	2	2
Diseases of the Digestive System			
Ulcer of the stomach and duodenum	—	—	—
Diarrhoea and enteritis	—	—	—
Appendicitis	—	—	—
Hernia, intestinal obstruction	—	—	—
Cirrhosis of the liver	—	—	—
Other diseases of the liver and biliary passages, including biliary calculi	—	—	—
Other diseases of the digestive system	—	—	—
Diseases of the Genito-Urinary System			
Nephritis	—	—	—
Other diseases of the kidneys and ureters	—	—	—
Calculi of the urinary passages	—	—	—
Diseases of the bladder (tumours excepted)	—	—	—
Diseases of the urethra, urinary abscess, etc	—	—	—
Diseases of the prostate	1	0	1
Diseases of the genital organs, not specified as venereal	—	—	—
Diseases of Pregnancy, Childbirth and the Puerperal State			
Puerperal septicaemia	—	—	—
Other diseases of pregnancy, childbirth and puerperal state	—	—	—
Diseases of the Skin and Cellular Tissue	—	—	—
Diseases of the Bones and Organs of Locomotion	1	0	1
Congenital Malformations	—	—	—
Senility	—	—	—
Violent or Accidental Death			
Suicide	—	—	—
Homicide	—	—	—
Accidental drowning	—	—	—
Accidental burns	—	—	—
Other accidents	—	—	—
Ill-Defined Causes of Death	—	—	—
GRAND TOTAL	30	24	54

SUPPLEMENTARY STATISTICAL TABLES THE ONTARIO HOSPITAL SCHOOL, ORILLIA

(Hospital for Mentally Defective)

TABLE A

PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS

YEAR ENDING MARCH 31, 1946

MENTAL STATUS	MALE		FEMALE		TOTAL	
	Number	Per Cent	Number	Per Cent	Number	Per Cent
Idiot	294	25.2	237	22.6	531	23.9
Imbecile	606	51.8	526	50.3	1,132	51.1
Moron	235	20.1	258	24.7	493	22.3
Borderline	29	2.5	22	2.1	51	2.3
Not Mentally Defective	5	0.4	3	0.3	8	0.4
TOTALS	1,169	100.0	1,046	100.0	2,215	100.0

TABLE B

FIRST ADMISSIONS BY MENTAL STATUS AND AGE

AGE GROUP (Years)	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	32	11	43	15	11	26	9	2	11	1	—	1	57	24	81
10-14	8	7	15	9	8	17	17	10	27	5	—	5	39	25	64
15-19	9	3	12	4	4	8	9	20	29	2	4	6	24	31	55
20-24	—	—	—	1	1	2	—	—	—	—	—	—	1	1	2
25-29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30-34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35-39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40-44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45-49	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1
50 and over	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	49	21	70	29	25	54	35	32	67	8	4	12	121	82	203

TABLE C
FIRST ADMISSIONS BY MENTAL STATUS AND ECONOMIC CONDITION

ECONOMIC CONDITION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dependent	18	5	23	9	12	21	27	25	52	7	3	10	61	45	106
Marginal	20	12	32	14	10	24	7	6	13	1	—	1	42	28	70
Comfortable	11	4	15	6	3	9	1	1	2	—	1	1	18	9	27
Unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	49	21	70	29	25	54	35	32	67	8	4	12	121	82	203

TABLE D
FIRST ADMISSIONS BY MENTAL STATUS AND CLINICAL DIAGNOSIS

CLINICAL CLASSIFICATION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	7	2	9	7	7	14	17	15	32	1	1	2	32	25	57
Mongolism	2	4	6	5	5	10	—	—	—	—	—	—	7	9	16
With developmental cranial anomalies	33	13	46	14	12	26	14	16	30	6	2	8	67	43	110
With congenital cerebral spastic infantile paralyses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Post-infectional	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Post-traumatic	1	—	1	—	1	1	—	—	—	—	—	—	1	1	2
With epilepsy	2	1	3	1	—	1	4	1	5	—	—	—	7	2	9
With endocrine disorder	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With familial amaurosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With tuberous sclerosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other organic nervous disease	3	1	4	2	—	2	—	—	—	1	1	2	6	2	8
Undifferentiated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other forms	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Others	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	49	21	70	29	25	54	35	32	67	8	4	12	121	82	203

TABLE E
DISCHARGES BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP (Years)	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	—	—	—	1	—	1	—	—	—	1	—	1	2	—	2
10-14	3	—	3	2	—	2	1	1	2	1	2	3	7	3	10
15-19	—	—	—	3	3	6	15	16	31	2	4	6	20	23	43
20-24	—	—	—	4	2	6	1	11	12	1	—	1	6	13	19
25-29	—	—	—	3	2	5	2	2	4	—	—	—	5	4	9
30-34	—	—	—	1	—	1	1	2	3	—	—	—	2	2	4
35-39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40-44	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
45-49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
50 and over	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	3	—	3	14	7	21	21	32	53	5	6	11	43	45	88

TABLE F
DISCHARGES BY ABILITY OF PATIENT ON DISCHARGE AND CLINICAL CLASSIFICATION

CLINICAL CLASSIFICATION	'Capable of Self-support			Capable of Partial Self-support			Incapable of Productive Work			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	12	8	20	12	13	25	2	3	5	26	24	50
Mongolism	—	—	—	—	—	—	2	1	3	2	1	3
With developmental Cranial Anomalies	2	10	12	5	6	11	4	1	5	11	17	28
With Congenital Cerebral Spastic Infantile Paralyses	—	—	—	—	—	—	—	—	—	—	—	—
Post-infectional	—	—	—	—	—	—	—	—	—	—	—	—
Post-traumatic	—	—	—	—	—	—	—	—	—	—	—	—
With Epilepsy	—	—	—	—	—	—	—	—	—	—	—	—
With Endocrine Disorder	—	—	—	—	—	—	—	—	—	—	—	—
With Familial Amaurosis	—	—	—	—	—	—	—	—	—	—	—	—
With Tuberous Sclerosis	—	—	—	—	—	—	—	—	—	—	—	—
With Other organic Nervous Disease	—	—	—	—	—	—	—	—	—	—	—	—
Undifferentiated	1	3	4	3	—	3	—	—	—	4	3	7
Other Forms	—	—	—	—	—	—	—	—	—	—	—	—
Others	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	15	21	36	20	19	39	8	5	13	43	45	88

TABLE G
DEATHS BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP (Years)	Idiot			Imbecile			Moron			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	9	3	12	—	—	—	—	—	—	9	3	12
10-14	3	—	3	—	—	—	1	—	1	4	—	4
15-19	1	3	4	—	—	—	2	2	4	3	5	8
20-24	1	—	1	2	1	3	—	—	—	3	1	4
25-29	1	—	1	—	—	—	—	—	—	1	—	1
30-34	—	—	—	—	—	—	—	1	1	—	1	1
35-39	1	—	1	—	1	1	2	1	3	3	2	5
40-44	—	—	—	—	—	—	—	—	—	—	—	—
45-49	—	—	—	—	—	—	—	—	—	—	—	—
50 and over	—	1	1	2	8	10	—	—	—	2	9	11
Unascertained	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	16	7	23	4	10	14	5	4	9	25	21	46

DEPARTMENT OF HEALTH

SEVENTY-SEVENTH ANNUAL REPORT

UPON THE

PUBLIC GENERAL HOSPITALS
PRIVATE HOSPITALS
HOSPITALS FOR INCURABLES
CONVALESCENT HOSPITALS
AND
SANATORIA FOR CONSUMPTIVES

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDED DECEMBER 31

1946

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER NO. 16, 1947

ONTARIO

TORONTO
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1947

Parliament Buildings,

Toronto, August 5, 1947

To The Honourable Ray Lawson, O.B.E., LL.D
Lieutenant-Governor of the Province of Ontario

May It Please Your Honour:

The undersigned has the honour to transmit to Your Honour the Seventy-seventh Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31, 1946.

Respectfully submitted,

Russell T. Kelley,

Minister of Health

Parliament Buildings,

Toronto, August 5, 1947

THE HONOURABLE RUSSELL T. KELLEY,
Minister of Health

SIR:

I have the honour to submit to you the Seventy-seventh Annual Report on Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31, 1946.

I have the honour to be, sir,

Your obedient servant,

C. J. TELFER,
Inspector of Hospitals

FOREWORD

Herein is presented a detailed report on General, Red Cross, Convalescent Hospitals, Hospitals for Incurables and Sanatoria for Consumptives, operating in the Province of Ontario, as compiled from the Financial and Statistical Statements submitted for the year which ended December 31, 1946.

There were 174 institutions in operation and participating in Provincial grants during the year. These are classified as follows:

120 General Hospitals	3 Convalescent Hospitals
25 Red Cross Hospitals	3 Convalescent Summer Camps for Children
10 Hospitals for Incurables	13 Sanatoria for Consumptives

The number of patients, together with the number of days' treatment (excluding Sanatoria for Consumptives) is indicated on the opposite page. There was an increase in the number of patients treated of 62,265 over the previous year, and an increase of 370,553 days' treatment. On the basis of a 4,000,000 estimated population the percentage of population hospitalized during the year was 12.9. The average number of patients in hospital daily was 16,394 or 913 more than the previous year.

Total revenue increased over the previous year by	$7,153,269.72
Total costs increased over the previous year by	6,437,078.71
Excess of revenue increase over cost increase	$ 716,191.01

The following revenue increases are noted:

From patients, increased	$3,694,539.70
From municipalities (statutory), increased	824,142.23
From Provincial Government (statutory), increased	602,334.32
From investments, increased	142,108.69
From donations, increased	1,440,620.79
From municipalities for capital account, increased	449,523.99
Net Increase	$7,153,269.72

During the year one new hospital for incurables was established, namely, St. Mary's of the Lake, Kingston.

The revised Annual Financial Returns and Costing Schedules prepared by the Department and endorsed by the Committee on Accounting of the Ontario Hospital Association, have been submitted for the first time for the year under report. It is gratifying to report that the majority of hospitals have presented an acceptable report and that there is reason to believe that all hospitals will do so with respect to the current year.

The attention of Hospital Officers is particularly directed to the tables in the Report relating to expense and revenue expressed in terms of patient days.

C. J. Telfer,

Inspector of Hospitals

CONSOLIDATED STATEMENT GIVING CERTAIN STATISTICAL AND FINANCIAL INFORMATION

For the Year Ended December 31, 1946

	General Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
Bed Capacity, Adults and Children	14,168	378	1,643	308	16,497
Nursery Bassinets	2,541	122			2,663
Pecentage of Bed Occupancy for Year	88.1	63.7	96.0		
Number of Live Births during Year	75,870	2,175			78,045
Number of Deaths, including Still-births, during Year	16,080	376	622	3	17,081
Total Number of Patients Treated during Year	496,999	13,666	2,415	1,774	514,854
Total Collective Days' Stay of All Patients	5,251,007	103,446	559,677	69,673	5,983,803
Number of Staff and Employees:					
Graduate Nurses	3,548	117	149	26	3,840
Non-graduates including Nurses in Training	4,522				4,522
All Other Employees	10,105	111	834	142	11,192
TOTAL STAFF AND EMPLOYEES	18,175	228	983	168	19,554
OPERATING REVENUE	$ c.	$ c.	$ c.	$ c.	$ c.
Income from Patients for Maintenance and Treatment	22,731,445.29	379,185.12	419,659.62	80,518.72	23,610,808.75
Income from Municipalities for Maintenance and Treatment of Patients	3,074,626.33	25,029.32	676,484.50	42,404.17	3,818,544.32
Grants from Government for Maintenance and Treatment of Patients	1,380,711.91	18,542.69	228,007.65	20,409.60	1,647,671.85
TOTAL OPERATING REVENUE	27,186,783.53	422,757.13	1,324,151.77	143,332.49	29,077,024.92
NON-OPERATING REVENUE					
Income from Property, Investments, Endowments, etc., and Miscellaneous	631,902.23	17,449.59	39,186.84	10,671.47	699,210.13
Income from Donations, Bequests and other gratuitous sources	1,502,594.94		426,688.49	41,018.83	1,970,302.26
Grants from Municipalities for Buildings, Debentures, Capital, etc	498,565.95		100,000.00		598,565.95
TOTAL NON-OPERATING REVENUE	2,633,063.12	17,449.59	565,875.33	51,690.30	3,268,078.34
Total Revenue	**29,819,846.65**	**440,206.72**	**1,890,027.10**	**195,022.79**	**32,345,103.26**
OPERATING EXPENSE					
Total Cost of Dietaries	4,604,531.55	72,529.07	299,934.04	47,116.61	5,024,111.27
Total Cost of Salaries and Wages	14,117,553.67	255,888.45	855,156.98	118,054.59	15,346,653.69
Other Operating Expense	9,269,289.71	162,931.81	367,494.03	55,935,43	9,855,650.98
TOTAL OPERATING EXPENSE	27,991,374.93	491,349.33	1,522,585.05	221,106.63	30,226,415.94
Interest and Capital Charges	392,736.67		9,893.83		402,630.50
Total Cost	28,384,111.60	491,349.33	1,532,478.88	221,106.63	30,629,046.44

GENERAL HOSPITALS

Table No. 1—Bed capacity and movement of patients.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1, 1946	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1946	Still births during year
		Adults and children	Nursery								
GROUP A Teaching Hospitals											
Toronto General	Toronto	1,139	175	923	21,499	3,450	25,872	23,896	1,048	928	82
St. Michael's	Toronto	651	78	585	14,109	2,323	17,017	15,782	690	545	39
Victoria*	London	542	50	409	12,189	1,336	13,934	12,989	498	447	23
Toronto Western	Toronto	581	84	463	13,108	2,536	16,107	15,175	449	483	69
Hosp. for Sick Children	Toronto	432	......	284	10,622	......	10,906	10,252	393	261	......
Kingston General†	Kingston	400	36	279	9,069	1,029	10,377	9,828	284	265	20
St. Joseph's	London	258	34	238	7,860	1,444	9,542	8,992	280	270	22
Hotel Dieu	Kingston	205	24	158	4,758	725	5,641	5,357	129	155	13
TOTALS		4,208	481	3,339	93,214	12,843	109,396	102,271	3,771	3,354	268
GROUP B Hospitals in Teaching Centres											
Toronto East General‡	Toronto	281	70	377	7,530	1,908	9,815	9,193	259	363	51
St. Joseph's	Toronto	321	43	317	8,331	1,628	10,276	9,618	348	310	59
Women's College	Toronto	151	45	141	5,499	1,911	7,551	7,336	83	132	27
Mount Sinai	Toronto	59	25	125	4,553	1,349	6,027	5,833	82	112	29
Wellesley	Toronto	118	17	91	3,512	530	4,133	3,981	59	93	14
Salvation Army Grace	Toronto	42	45	72	2,796	2,188	5,056	4,916	38	102	54
TOTALS		972	245	1,123	32,221	9,514	42,858	40,877	869	1,112	234
GROUP C Capacity, 100 Beds and Over											
Belleville General¶	Belleville	136	34	177	6,171	1,311	7,659	7,260	222	177	35
Brantford General**	Brantford	243	38	217	6,004	1,178	7,399	6,919	268	212	26
Brockville General	Brockville	128	18	105	2,616	372	3,093	2,886	100	107	6
Public General	Chatham	159	24	126	5,556	668	6,350	6,070	165	115	18
St. Joseph's	Chatham	116	24	92	4,136	911	5,139	4,914	130	95	24
Hotel Dieu	Cornwall	136	14	109	4,433	699	5,241	5,040	101	100	12
McKellar General	Fort William	201	33	186	6,879	926	7,991	7,627	179	185	29
Hamilton General††	Hamilton	846	139	683	19,298	4,495	24,476	22,899	881	696	88
St. Joseph's	Hamilton	152	30	181	6,009	1,136	7,326	7,010	174	142	22
Kitchener-Waterloo	Kitchener	183	33	134	4,884	956	5,974	5,642	163	169	29
St. Mary's	Kitchener	120	28	108	4,003	798	4,909	4,636	167	106	17
Niagara Falls General	Niagara Falls	134	26	107	5,134	876	6,117	5,835	138	144	15
St. Joseph's General	North Bay	97	20	62	2,877	404	3,343	3,162	98	83	15
Oshawa General	Oshawa	137	26	129	6,572	1,045	7,746	7,429	153	164	22
Ottawa Civic	Ottawa	646	87	724	18,162	2,928	21,814	20,425	749	640	64
Ottawa General	Ottawa	348	25	254	8,227	833	9,314	8,804	266	244	22
General and Marine	Owen Sound	89	24	89	3,368	635	4,092	3,892	113	87	12
General	Pembroke	90	21	125	3,777	568	4,470	4,266	92	112	13
Peterborough Civic	Peterborough	106	15	117	3,436	639	4,192	3,957	117	118	20
General	Port Arthur	134	20	106	4,131	551	4,788	4,562	89	137	10
St. Joseph's General	Port Arthur	195	22	187	5,172	481	5,840	5,504	154	182	6
St. Catharines General	St. Catharines	164	30	112	7,000	1,309	8,421	8,036	237	148	19
Memorial	St. Thomas	97	25	130	3,522	865	4,517	4,241	155	121	15
Sarnia General	Sarnia	116	22	140	3,829	517	4,486	4,265	113	108	17
St. Joseph's‡‡	Sarnia	215	30	......	2,547	452	2,999	2,821	76	102	8
Stratford General	Stratford	102	16	118	3,591	752	4,461	4,217	148	96	12
St. Joseph's	Sudbury	171	30	144	6,732	1,186	8,062	7,680	208	174	49
St. Mary's	Timmins	98	26	109	4,840	722	5,671	5,431	126	114	31
Welland County General	Welland	102	55	77	3,971	905	4,953	4,710	154	89	17
Hotel Dieu	Windsor	211	44	206	8,410	1,667	10,283	9,800	263	220	37
Metropolitan General	Windsor	123	32	110	4,693	612	5,415	5,173	147	95	10
Salvation Army Grace	Windsor	225	53	204	8,342	1,868	10,414	9,957	234	223	38
TOTALS		6,020	1,064	5,368	188,322	33,265	226,955	215,070	6,380	5,505	758
GROUP D Capacity, Under 100 Beds											
Stevenson Memorial	Alliston	29	4	15	748	195	958	892	43	23	2
Rosamond Memorial	Almonte	15	4	11	810	276	1,097	1,053	32	12	5
Arnprior Dist. & Mem.	Arnprior	39	11	21	772	186	979	932	30	17	6
Royal Victoria	Barrie	53	14	66	2,331	554	2,951	2,800	83	68	11
St. Joseph's General	Blind River	34	10	37	779	96	912	846	16	50	3
Bowmanville	Bowmanville	19	5	17	879	245	1,141	1,081	31	29	9
Peel Memorial	Brampton	38	12	41	1,598	479	2,118	2,013	53	52	14
St. Vincent de Paul	Brockville	61	5	60	1,670	251	1,981	1,855	58	68	10

*Includes 17 isolation beds and 91 patients.

†Includes 21 isolation beds and 151 patients.

‡Includes 1,671 patients—Department of Veteran Affairs.

¶Includes 10 isolation beds and 30 patients.

GENERAL HOSPITALS (Cont'd)

Table No. 1—Bed capacity and movement of patients.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1, 1946	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1946	Still births during year
		Adults and children	Nursery								
Group *D* (Cont'd)											
Lady Minto	Chapleau	28	4	14	1,024	11	5 1,153	1,096	21	36	1
Clinton Public	Clinton	17	7	19	607	162	788	735	31	22	7
Cobourg General	Cobourg	28	16	13	1,009	256	1,278	1,199	48	31	10
Lady Minto	Cochrane	34	9	41	834	137	1,012	938	33	41	2
General and Marine	Collingwood	58	13	46	1,812	277	2,135	2,004	81	50	10
Cornwall General	Cornwall	71	15	72	2,051	348	2,471	2,344	59	68	10
Haldimand War Mem.	Dunnville	25	8	17	793	187	997	953	24	20	3
Durham Memorial	Durham	16	5	19	233	84	336	314	15	7	......
Groves Memorial	Fergus	27	8	21	656	173	850	789	37	24	5
Douglas Memorial	Fort Erie	61	12	19	1,442	314	1,775	1,687	57	31	6
La Verendrye	Fort Frances	46	6	60	1,684	307	2,051	1,956	46	49	4
Galt	Galt	67	19	66	2,617	629	3,312	3,128	119	65	14
Alexandra Mar. & Gen.	Goderich	33	9	43	1,025	190	1,258	1,169	47	42	7
West Lincoln Mem.¶¶	Grimsby	18	8	......	548	169	717	689	13	15	2
Guelph General	Guelph	94	20	107	3,117	480	3,704	3,475	125	104	9
St. Joseph's	Guelph	88	18	99	2,945	387	3,431	3,225	121	85	13
Misericordia	Haileybury	48	8	49	1,400	189	1,638	1,546	43	49	3
Hanover Memorial	Hanover	20	6	16	408	162	586	568	10	8	7
Notre Dame	Hawkesbury	15	3	20	870	132	1,022	976	24	22	2
St. Paul's	Hearst	52	11	55	1,790	155	2,000	1,920	36	44	1
Alexandra	Ingersoll	30	10	31	785	209	1,025	966	29	30	4
Anson General	Iroquois Falls	32	6	25	969	150	1,144	1,090	27	27	6
Kenora General	Kenora	43	9	38	1,308	167	1,513	1,433	41	39	3
St. Joseph's	Kenora	43	9	38	1,300	166	1,503	1,419	38	46	3
Kincardine General	Kincardine	25	9	17	857	174	1,048	969	52	27	3
The Ross Memorial	Lindsay	54	2	53	2,178	539	2,770	2,604	94	72	12
Memorial	Listowel	39	7	27	1,188	256	1,471	1,408	39	24	5
St. Joseph's	Little Current	22	5	7	384	59	450	424	11	15	3
Rosedale War Memorial	Matheson	8	5	6	288	59	353	342	5	6	3
General	Mattawa	34	6	31	864	118	1,013	962	19	32	4
St. Andrew's	Midland	42	12	38	1,474	336	1,848	1,768	36	44	6
Louise Marshall	Mount Forest	14	6	10	287	121	418	388	6	24	5
York County	Newmarket	52	18	51	2,370	502	2,923	2,792	66	65	17
Niagara Cottage	Niagara-onLake	8	4	14	327	75	416	394	15	7	2
Queen Victoria	North Bay	33	8	31	1,112	204	1,347	1,275	28	44	1
Lord Dufferin	Orangeville	22	3	33	948	191	1,172	1,095	47	30	4
Orillia Soldiers' Mem.	Orillia	77	21	72	2,493	531	3,096	2,928	79	89	11
Salvation Army Grace	Ottawa	34	64	104	2,268	1,994	4,366	4,229	49	88	31
Palmerston General	Palmerston	13	4	15	695	131	841	804	19	18	3
Willett	Paris	35	8	16	660	163	839	773	39	27	1
Parry Sound General	Parry Sound	75	18	42	954	133	1,129	1,056	31	42	2
St. Joseph's General	Parry Sound	46	10	26	1,489	228	1,743	1,672	32	39	......
Pembroke Cottage	Pembroke	51	13	48	1,484	150	1,682	1,596	30	56	4
General	Penetanguishene	18	6	18	651	137	806	765	24	17	4
Great War Memorial	Perth	49	8	53	1,703	295	2,051	1,930	69	52	10
St. Joseph's	Peterborough	85	22	80	3,074	740	3,894	3,739	70	85	9
Charlotte E. Englehart	Petrolia	34	6	34	919	257	1,210	1,118	58	34	2
Prince Edward County	Picton	28	15	25	1,229	366	1,620	1,528	57	35	6
The Port Hope	Port Hope	45	6	33	904	150	1,087	1,028	35	24	6
Victoria	Renfrew	69	15	50	1,501	337	1,888	1,784	53	51	6
General	Sault Ste. Marie	99	15	77	2,952	578	3,607	3,392	110	105	19
Plummer Memorial	Sault Ste. Marie	47	12	58	1,919	377	2,354	2,245	59	50	12
Scott Memorial	Seaforth	20	8	20	614	154	788	738	29	21	4
Norfolk General	Simcoe	51	14	37	2,067	587	2,691	2,564	79	48	15
Sioux Lookout General	Sioux Lookout	16	5	26	937	75	1,038	986	26	26	2
Smiths Falls Public	Smiths Falls	52	5	50	1,272	202	1,524	1,408	67	49	8
St. Francis General	Smiths Falls	38	5	35	902	107	1,044	981	29	34	1
Porcupine General	South Porcupine	14	12	14	1,125	234	1,373	1,335	25	13	4
Strathroy General	Strathroy	45	9	44	721	217	982	893	55	34	2
St. Jean de Brebeuf	Sturgeon Falls	31	7	40	1,040	206	1,286	1,196	46	44	5
Soldiers' Memorial	Tillsonburg	32	9	40	1,970	447	2,457	2,351	72	34	7
Lockwood Clinic	Toronto	48	......	20	963	......	983	946	24	13	......
Mothercraft	Toronto	27	12	21	475	......	496	470	......	26	......
County of Bruce Gen.	Walkerton	35	8	35	1,270	256	1,561	1,475	60	26	6
Wingham General	Wingham	37	10	24	828	205	1,057	990	36	31	7
Woodstock General	Woodstock	82	15	77	2,624	531	3,232	3,051	96	85	9
TOTALS		2,968	751	2,748	94,794	20,248	117,790	111,483	3,347	2,960	453
GRAND TOTALS:											
Public General Hospitals		14,168	2,541	12,578	408,551	75,870	496,999	469,701	14,367	12,931	1,713
Red Cross Outposts		378	122	229	11,262	2,175	13,666	13,072	324	270	52
AND TOTALS Incl. Red Cross		14,546	2,663	12,807	419,813	78,045	510,665	482,773	14,691	13,201	1,765

**Includes 28 isolation beds and 108 patients.
††Includes 43 isolation beds and 70 patients.

‡‡Sarnia, St. Joseph's opened March 1, 1946.
¶¶Grimsby, West Lincoln Memorial opened Jan. 1, 1946.

GENERAL HOSPITALS (Cont'd)

Table No. 2—Collective stay in days of patients admitted and infants born; number of professional and other staff.

Name of Hospital	Location	Total patient days, adults and children, for year	Total days infants born, for year	Total patient days, all patients for year	Average number of patients in hospital daily	Percentage of adult beds occupied during year	Number of Nursing Staff		Number of all other employees
							Graduate nurses	Non-graduate nurses incl. nurses-in-training	
GROUP A Teaching Hospitals									
Toronto General	Toronto	362,740	36,533	399,273	1,094	87.3	248	338	1,038
St. Michael's	Toronto	210,257	26,688	236,945	649	88.5	119	230	480
Victoria*	London	168,092	12,430	180,522	495	85.0	128	189	386
Toronto Western	Toronto	167,783	22,882	190,665	522	79.1	142	230	457
Hospital for Sick Children	Toronto	128,365		128,365	352	81.4	76	226	413
Kingston General†	Kingston	104,330	8,801	113,131	310	71.5	66	138	324
St. Joseph's	London	89,058	15,554	104,612	287	94.6	37	144	107
Hotel Dieu	Kingston	55,059	6,486	61,545	169	73.6	53	95	91
TOTALS		1,285,684	129,374	1,415,058	3,877	83.7	869	1,590	3,296
GROUP B Hospitals in Teaching Centres									
Toronto East General‡	Toronto	129,386	16,472	145,858	400	126.2	81	132	302
St. Joseph's	Toronto	103,694	15,532	119,226	327	88.5	75	140	294
Women's College	Toronto	45,404	15,816	61,220	168	82.4	59	91	150
Mount Sinai	Toronto	33,259	9,634	42,893	117	154.4	41	15	58
Wellesley	Toronto	31,698	5,361	37,059	101	73.6	35	111	147
Salvation Army Grace	Toronto	22,437	18,299	40,736	112	146.4	27	46	51
TOTALS		365,878	81,114	446,992	1,225	103.1	318	535	1,002
GROUP C Capacity, 100 Beds and Over									
Belleville General¶	Belleville	56,265	9,989	66,254	181	113.3	52	62	106
Brantford General**	Brantford	77,728	13,088	90,816	249	87.6	59	84	204
Brockville General	Brockville	34,338	3,314	37,652	103	73.5	20	51	59
Public General	Chatham	42,584	6,397	48,981	134	73.4	34	73	61
St. Joseph's	Chatham	35,050	8,108	43,158	118	82.8	22	53	44
Hotel Dieu	Cornwall	41,376	6,030	47,406	130	83.4	43	14	92
McKellar General	Fort William	65,390	8,004	73,394	201	89.1	30	35	147
Hamilton General††	Hamilton	234,225	40,653	274,878	753	75.9	159	252	634
St. Joseph's	Hamilton	58,325	10,454	68,779	188	105.1	37	124	104
Kitchener–Waterloo	Kitchener	54,121	7,892	62,013	170	81.0	50	75	127
St. Mary's	Kitchener	36,303	6,485	42,788	117	82.9	32	54	53
Niagara Falls General	Niagara Falls	46,225	8,016	54,241	149	94.5	43	29	66
St. Joseph's General	North Bay	30,630	4,020	34,650	95	86.5	28	27	47
Oshawa General	Oshawa	53,223	8,691	61,914	170	106.4	42	64	115
Ottawa Civic	Ottawa	267,874	30,772	298,646	818	113.6	109	187	740
Ottawa General	Ottawa	99,644	7,626	107,270	294	78.4	72	71	179
General and Marine	Owen Sound	32,160	5,727	37,887	104	99.0	34	26	63
General	Pembroke	35,851	5,408	41,259	113	109.1	26	22	53
Peterborough Civic	Peterborough	38,610	6,160	44,770	123	99.8	28	69	85
General	Port Arthur	44,899	5,579	50,478	138	91.8	29	40	79
St. Joseph's General	Port Arthur	63,547	5,629	69,176	189	89.3	24	36	73
St. Catharines General	St. Catharines	51,762	11,233	62,995	173	86.5	37	58	120
Memorial	St. Thomas	40,797	8,423	49,220	135	115.2	59	32	83
Sarnia General	Sarnia	37,768	4,364	42,132	115	89.2	46	40	82
St. Joseph's‡‡	Sarnia	22,893	3,702	26,595	87	34.8	79		76
Stratford General	Stratford	36,163	6,782	42,945	118	97.1	20	44	72
St. Joseph's	Sudbury	56,332	7,540	63,872	175	90.3	45	24	108
St. Mary's	Timmins	35,961	6,166	42,127	115	100.5	37	41	50
Welland County General	Welland	30,852	6.577	37,429	103	82.9	42		94
Hotel Dieu	Windsor	69,395	15,253	84,648	232	90.1	27	99	106
Metropolitan General	Windsor	38,293	5,092	43,385	119	85.3	53		110
Salvation Army Grace	Windsor	79,864	17,596	97,460	267	97.2	23	125	125
TOTALS		1,948,448	300,770	2,249,218	6,089	90.9	1,441	1,911	4,157
GROUP D Capacity, Under 100 Beds									
Stevenson Memorial	Alliston	7,216	1,568	8,784	24	68.2	9		9
Rosamond Memorial	Almonte	6,050	2,500	8,550	23	110.5	10		7
Arnprior Dist. and Memorial	Arnprior	7,583	1,851	9,434	26	53.3	10		13
Royal Victoria	Barrie	21,821	5,538	27,359	75	112.8	25	25	32
St. Joseph's General	Blind River	12,573	1,272	13,845	38	101.3	8		14
Bowmanville	Bowmanville	6,519	2,045	8,564	23	94.0	12		11
Peel Memorial	Brampton	12,347	3,953	16,300	45	89.0	16		17
St. Vincent de Paul	Brockville	22,525	2,575	25,100	69	101.2	21	3	31

*Includes 91 isolation patients and 1,575 days.
†Includes 151 isolation patients and 1,747 days.
‡Includes 1,671 patients and 62,869 days for Dept. of Veteran Affairs.
¶Includes 30 isolation patients and 352 days.

GENERAL HOSPITALS (Cont'd)

Table No. 2—Collective stay in days of patients admitted and infants born; number of professional and other staff.

Name of Hospital	Location	Total patient days, adults and children, for year	Total days infants born, for year	Total patient days, all patients for year	Average number of patients in hospital daily	Percentage of adult beds occupied during year	Number of Nursing Staff		Number of all other employees
							Graduate nurses	Non-graduate nurses incl. nurses-in-training	
Group D (Cont'd)									
Lady Minto	Chapleau	8,285	825	9,110	25	81.1	8		8
Clinton Public	Clinton	6,509	1,510	8,019	22	104.9	5	6	7
Cobourg General	Cobourg	8,902	2,124	11,026	30	87.1	10		15
Lady Minto	Cochrane	14,008	1,362	15,370	42	112.9	7		26
General and Marine	Collingwood	17,095	2,337	19,432	53	80.8	18	28	20
Cornwall General	Cornwall	23,661	3,473	27,134	74	91.3	25	24	60
Haldimand War Memorial	Dunnville	6,034	1,637	7,671	21	66.1	6	5	9
Durham Memorial	Durham	3,859	768	4,627	13	66.1	6		9
Groves Memorial	Fergus	6,559	1,309	7,868	22	66.6	7		15
Douglas Memorial	Fort Erie	11,399	2,548	13,947	38	51.2	16		25
La Verendrye	Fort Frances	16,100	3,025	19,125	52	95.9	6		24
Galt	Galt	24,803	4,483	29,286	80	101.4	39	4	37
Alexandra Marine and General	Goderich	13,244	2,075	15,319	42	110.0	16		11
West Lincoln Memorial¶¶	Grimsby	4,074	1,511	5,585	15	62.0	9		9
Guelph General	Guelph	36,805	5,108	41,913	115	107.3	15	53	64
St. Joseph's	Guelph	32,670	4,387	37,057	102	101.7	28	48	59
Misericordia	Haileybury	20,328	1,380	21,708	59	116.0	6		61
Hanover Memorial	Hanover	3,651	1,551	5,202	14	50.0	3		5
Notre Dame	Hawkesbury	6,914	1,313	8,227	23	126.3	3		16
St. Paul's	Hearst	20,748	1,460	22,208	61	109.3	7		40
Alexandra	Ingersoll	10,892	2,067	12,959	36	99.5	15		16
Anson General	Iroquois Falls	8,115	1,390	9,505	26	69.5	8		13
Kenora General	Kenora	13,019	1,526	14,545	40	82.9	12	2	20
St. Joseph's	Kenora	14,444	1,592	16,036	44	92.0	9		20
Kincardine General	Kincardine	7,496	1,378	8,874	24	82.1	8		6
Ross Memorial	Lindsay	20,641	4,842	25,483	70	104.7	12	22	20
Memorial	Listowel	8,972	2,054	11,026	30	63.0	9		14
St. Joseph's	Little Current	4,168	712	4,880	13	51.9	3		12
Rosedale War Memorial	Matheson	1,965	456	2,421	7	67.3	3		8
General	Mattawa	10,703	1,144	11,847	32	86.2	4		17
St. Andrew's	Midland	12,722	2,080	14,802	41	83.0	22		24
Louise Marshall	Mount Forest	2,725	1,198	3,923	11	53.3	5		6
York County	Newmarket	16,340	4,050	20,390	56	86.1	23		26
Niagara Cottage	Niagara-on-Lake	3,950	724	4,674	13	135.3	6		5
Queen Victoria	North Bay	12,294	2,101	14,395	39	102.1	16		23
Lord Dufferin	Orangeville	10,585	1,784	12,369	34	131.8	11		12
Orillia Soldiers' Memorial	Orillia	27,441	5,833	33,274	91	97.6	17	33	94
Salvation Army Grace	Ottawa	20,021	18,796	38,817	106	161.3	12	30	65
Palmerston General	Palmerston	5,728	1,188	6,916	19	120.7	6		9
Willett	Paris	8,619	1,487	10,106	28	67.5	10		10
Parry Sound General	Parry Sound	10,982	1,781	12,763	35	40.1	4	2	26
St. Joseph's General	Parry Sound	11,414	2,240	13,654	37	68.0	6	11	14
Pembroke Cottage	Pembroke	15,796	1,549	17,345	48	84.9	18	5	26
General	Penetanguishene	5,362	1,122	6,484	18	81.6	7		4
Great War Memorial	Perth	18,324	2,814	21,138	58	102.5	26		19
St. Joseph's	Peterborough	29,656	7,130	36,786	101	95.6	25	35	44
Charlotte E. Englehart	Petrolia	9,549	1,877	11,426	31	76.9	12		15
Prince Edward County	Picton	10,961	3,110	14,071	39	107.3	10		21
The Port Hope	Port Hope	9,167	1,368	10,535	29	55.8	9	1	18
Victoria	Renfrew	16,077	3,068	19,145	53	63.8	12	12	15
General	Sault Ste. Marie	28,725	4,338	33,063	91	79.5	24	24	35
Plummer Memorial	Sault Ste. Marie	16,949	3,035	19,984	55	98.8	13	22	39
Scott Memorial	Seaforth	6,795	1,414	8,209	22	93.1	7	4	13
Norfolk General	Simcoe	16,061	4,581	20,642	57	86.3	21		36
Sioux Lookout General	Sioux Lookout	8,758	965	9,723	27	150.0	7		9
Smiths Falls Public	Smiths Falls	14,142	1,904	16,046	44	74.5	20		24
St. Francis General	Smiths Falls	12,051	1,002	13,053	36	86.9	14		16
Porcupine General	South Porcupine	8,643	2,235	10,878	30	169.1	18		14
Strathroy General	Strathroy	12,281	2,060	14,341	39	74.8	12	1	17
St. Jean de Brebeuf	Sturgeon Falls	13,776	2,029	15,805	43	121.7	8	6	9
Soldiers' Memorial	Tillsonburg	13,197	3,253	16,450	45	113.0	12		22
Lockwood Clinic	Toronto	9,631		9,631	26	55.0	12		41
Mothercraft	Toronto	9,475		9,475	26	96.1	4	41	13
County of Bruce General	Walkerton	10,295	1,771	12,066	33	80.6	11		11
Wingham General	Wingham	7,783	2,185	9,968	27	57.6	11	8	8
Woodstock General	Woodstock	26,923	5,123	32,046	88	90.0	35	31	67
TOTALS		955,895	183,844	1,139,739	3,123	88.2	920	486	1,650
GRAND TOTALS:									
Public General Hospitals		**4,555,905**	**695,102**	**5,251,007**	**14,386**	**88.1**	**3,548**	**4,522**	**10,105**
Red Cross Outposts		**84,697**	**18,749**	**103,446**	**282**	**63.7**	**117**		**111**
GRAND TOTALS incl. Red Cross		**4,640,602**	**713,851**	**5,354,453**	**14,670**	**87.5**	**3,665**	**4,522**	**10,216**

**Includes 108 isolation patients and 1,560 days. ‡‡Sarnia, St. Joseph's opened March 1, 1946.
††Includes 70 isolation patients and 1,209 days. ¶¶Grimsby, West Lincoln Memorial opened Jan. 1, 1946.

GENERAL HOSPITALS (Cont'd)

Table No. 3—Cost of operating hospitals.

Name of Hospital	Location	Salaries and Wages		Cost of dietary services	House-keeping and maintenance costs, including light, heat, power and water	Cost of laundry, bedding and linen	Cost of drugs, medical, surgical and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges	Interest and capital charges
		Nurses, R.N., and Sisters, R.N.	Other Employees					Buildings	Equipment			
GROUP A Teaching Hospitals		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Toronto General	Toronto	369,410.01	1,294,947.70	362,036.31	227,448.97	53,748.53	267,158.94	115,293.27	53,978.88	160,629.51	2,904,652.12	......
St. Michael's	Toronto	168,560.33	515,232.38	243,433.99	121,621.12	15,435.00	87,770.31	55,749.02	29,789.00	91,512.09	1,329,103.24	41,677.50
Victoria	London	178,704.66	408,185.00	159,599.61	76,673.71	12,931.92	113,823.91	57,703.75	34,939.61	85,274.05	1,127,836.82	2,042.80
Toronto Western	Toronto	210,200.00	473,858.20	212,560.99	87,897.71	52,716.08	89,484.17	35,400.00	30,060.00	139,099.45	1,331,276.60	......
Hospital for Sick Children	Toronto	132,251.46	425,886.91	121,832.43	99,537.41	18,705.41	96,542.71	11,174.61	......	91,946.85	997,877.79	......
Kingston General	Kingston	90,085.89	257,862.39	140,169.61	51,767.52	12,638.16	51,749.52	28,315.71	11,420.40	62,200.06	706,209.26	12,420.72
St. Joseph's	London	77,109.20	131,436.07	89,438.34	41,119.49	7,519.10	29,742.34	20,900.56	22,124.18	29,467.33	448,856.61	3,235.75
Hotel Dieu	Kingston	56,453.13	63,724.66	88,950.02	60,174.13	4,630.26	28,721.01	18,907.32	6,000.00	29,066.35	356,626.88	918.50
TOTALS		1,282,774.68	3,571,133.91	1,418,021.30	766,240.06	178,324.46	764,992.91	343,444.24	188,312.07	689,195.69	9,202,439.32	60,295.27
GROUP B Hospitals in Teaching Centres												
Toronto East General	Toronto	89,683.00	309,907.52	132,296.13	52,894.82	10,608.81	72,747.14	21,176.78	35,310.82	55,965.09	780,590.11	......
St. Joseph's	Toronto	109,312.96	206,377.26	116,921.58	48,143.14	6,593.45	57,136.39	25,135.89	21,331.86	51,329.36	642,281.89	41,085.56
Women's College	Toronto	78,504.73	138,077.83	47,769.53	37,038.98	5,273.88	36,428.52	13,843.49	10,223.98	23,173.76	390,334.70	4,001.43
Mount Sinai	Toronto	86,556.97	70,158.86	40,916.24	17,312.27	12,178.72	45,006.52	2,651.39	7,290.98	17,989.77	300,061.72	210.58
Wellesley	Toronto	45,302.42	114,923.50	59,909.18	24,951.02	3,556.91	27,559.05	3,966.42	3,945.12	23,314.61	307,428.23	1,750.00
Salvation Army Grace	Toronto	31,727.22	48,127.61	25,295.97	15,698.90	5,511.90	12,922.61	3,251.01	3,300.43	8,885.54	154,721.19	2,628.51
TOTALS		441,087.30	887,572.58	423,108.63	196,039.13	43,723.67	251,800.23	70,024.98	81,403.19	180,658.13	2,575,417.84	49,676.08
GROUP C Capacity, 100 Beds and Over												
Belleville General	Belleville	64,937.51	98,333.66	58,676.73	21,121.22	5,461.70	48,655.09	8,999.64	5,833.29	17,001.81	329,020.65	......
Brantford General	Brantford	76,344.30	160,151.65	74,236.48	35,161.59	7,118.11	37,723.68	11,407.95	8,558.03	29,864.54	440,566.33	1,630.00
Brockville General	Brockville	19,833.53	43,820.43	41,557.89	20,654.07	2,167.69	13,521.57	3,574.75	8,203.81	18,417.31	171,751.05	......
Public General	Chatham	37,403.10	52,371.45	39,991.20	26,533.51	6,948.26	21,341.01	10,008.53	12,202.79	28,225.31	235,025.16	538.65
St. Joseph's	Chatham	33,258.29	34,725.48	35,238.34	15,148.41	4,403.13	18,107.79	7,175.79	10,415.46	10,034.25	168,506.94	......
Hotel Dieu	Cornwall	37,691.35	38,183.08	32,839.69	16,223.23	7,688.57	17,224.93	6,773.21	142.18	12,851.34	169,617.58	8,991.68
McKellar General	Fort William	64,306.38	119,319.93	53,692.18	29,178.88	3,950.84	37,118.64	7,819.65	9,110.05	21,040.81	346,437.36	14,507.18
Hamilton General	Hamilton	177,044.00	634,398.10	241,754.12	110,799.41	30,228.63	115,898.52	......	......	90,505.34	1,400,628.12	21,473.40
St. Joseph's	Hamilton	52,714.74	84,121.62	75,711.92	30,462.79	12,577.67	34,184.64	10,653.30	11,820.58	17,067.06	329,314.32	13,028.23
Kitchener-Waterloo	Kitchener	67,815.68	110,284.57	51,055.30	34,104.17	13,983.70	26,119.79	8,938.37	2,180.93	39,370.42	353,852.93	......
St. Mary's	Kitchener	42,702.12	58,952.87	42,302.30	27,690.43	3,969.04	15,422.16	9,529.11	11,691.76	13,503.96	225,763.75	2,708.04
Niagara Falls General	Niagara Falls	37,819.14	74,111.49	47,123.96	17,160.75	5,524.23	30,185.42	7,661.97	3,982.63	21,892.37	245,461.96	......
St. Joseph's General	North Bay	27,678.20	29,538.74	25,347.13	12,822.96	2,639.58	12,015.58	3,904.92	6,213.56	12,430.16	132,590.83	7,299.87
Oshawa General	Oshawa	57,260.21	110,553.89	58,489.09	23,402.21	5,714.65	35,911.13	10,055.53	6,933.44	42,471.24	350,791.39	......
Ottawa Civic	Ottawa	179,827.46	627,557.07	266,853.85	128,378.44	30,315.21	116,673.13	57,246.41	78,382.35	164,040.94	1,649,274.86	81,958.28
Ottawa General	Ottawa	100,108.90	139,729.43	66,289.46	45,687.80	2,669.27	63,389.07	20,199.49	33,264.99	28,762.76	500,101.17	22,450.71
General and Marine	Owen Sound	52,182.00	67,636.43	22,352.47	16,812.79	3,233.59	26,254.25	3,516.36	4,515.55	12,783.93	219,287.37	607.67
General	Pembroke	29,375.20	32,039.96	34,239.76	24,832.52	3,674.29	19,687.53	6,743.26	6,206.01	11,475.52	168,274.05	......

Peterborough Civic	Peterborough	36,499.45	84,451.37	39,572.24	22,121.19	4,004.77	31,171.75	4,247.06	9,761.92	16,275.52	248,105.27	
General	Port Arthur	36,804.75	67,976.23	39,575.38	18,128.49	4,085.23	27,026.13	....	....	13,425.52	207,021.73	24,357.12
St. Joseph's General	Port Arthur	48,560.13	79,817.62	46,583.39	19,820.57	4,266.65	29,175.31	6,364.35	8,767.01	19,161.08	262,516.11	....
St. Catharines General	St. Catharines	49,452.17	113,637.40	50,988.10	28,088.78	6,620.94	40,756.60	18,890.50	12,528.13	28,514.01	349,476.63	....
Memorial	St. Thomas	91,616.48	68,951.23	49,054.25	13,103.13	3,331.05	32,423.07	5,840.90	9,115.95	17,302.08	290,738.14	2,499.13
Sarnia General	Sarnia	70,136.89	92,625.21	38,962.69	17,820.29	2,615.29	24,138.39	6,337.80	6,699.91	17,728.33	277,064.80	....
St. Joseph's	Sarnia	57,974.09	50,914.92	24,009.40	15,483.50	2,299.48	18,550.53	....	....	9,237.81	178,469.73	33,843.60
Stratford General	Stratford	37,849.54	63,775.89	28,683.63	17,829.70	2,458.87	17,744.72	5,590.92	1,475.13	13,939.96	189,348.36	....
St. Joseph's	Sudbury	70,696.41	93,715.51	35,091.22	32,930.78	10,529.15	32,686.46	12,557.92	9,755.80	28,289.83	326,253.08	7,785.81
St. Mary's	Timmins	47,059.00	46,791.56	29,930.96	19,404.19	3,431.47	17,127.92	5,986.32	1,569.31	12,216.94	183,517.67	....
Welland County General	Welland	55,603.43	58,205.99	37,281.72	11,158.73	11,653.65	17,802.98	10,322.40	8,083.32	27,465.09	237,577.31	....
Hotel Dieu	Windsor	62,911.89	129,422.14	75,259.64	26,472.56	12,670.36	61,068.09	19,331.91	1,790.05	15,086.61	404,013.25	10,903.63
Metropolitan General	Windsor	67,046.69	108,502.62	37,217.26	22,270.24	4,887.84	31,835.17	....	1,080.00	39,012.25	311,852.07	....
Salvation Army Grace	Windsor	33,672.09	136,697.89	78,386.54	46,601.96	9,203.72	55,401.95	14,300.48	14,282.51	21,515.16	410,062.30	8,553.94
TOTALS		1,924,185.12	3,711,315.43	1,888,348.29	947,409.29	234,326.63	1,126,343.00	303,978.80	304,566.45	871,809.26	11,312,282.27	263,136.94
GROUP D Capacity, Under 100 Beds												
Stevenson Memorial	Alliston	12,242.38	7,202.18	6,353.91	7,341.14	1,210.06	2,813.06	2,234.93	250.25	1,692.95	41,340.86	....
Rosamond Memorial	Almonte	12,984.30	5,229.95	4,739.41	2,325.93	172.08	2,500.91	780.46	682.50	2,758.86	32,174.40	....
Arnprior Dist. and Memorial	Arnprior	6,870.39	13,812.45	6,072.93	3,902.64	483.54	1,504.77	2,983.97	3,111.52	2,577.08	41,319.29	....
Royal Victoria	Barrie	28,103.83	23,689.93	19,656.90	9,206.84	2,365.83	14,274.69	2,916.00	3,945.36	13,647.00	117,806.38	....
St. Joseph's General	Blind River	8,526.81	6,908.68	9,729.33	3,059.06	2,228.11	1,738.38	600.00	1,724.00	2,110.66	36,625.03	....
Bowmanville	Bowmanville	10,339.38	10,061.97	7,176.95	4,023.19	365.13	2,883.88	1,200.00	41.45	2,027.15	38,119.10	....
Peel Memorial	Brampton	22,058.50	17,569.70	10,625.78	6,531.77	1,184.39	7,552.19	1,913.02	2,742.66	4,274.04	74,452.05	200.00
St. Vincent de Paul	Brockville	26,457.50	20,388.59	23,084.40	12,022.78	1,521.79	9,329.52	3,127.27	....	6,414.25	102,346.10	201.85
Lady Minto	Chapleau	13,984.51	7,384.25	6,154.82	4,395.26	457.52	4,334.32	2,419.28	605.91	1,853.16	41,589.03	....
Clinton Public	Clinton	5,654.89	6,159.50	5,464.74	2,740.33	692.57	2,602.05	800.50	1,926.85	1,655.52	27,696.95	....
Cobourg General	Cobourg	15,986.85	9,519.49	5,941.82	3,200.47	1,484.45	2,451.68	1,814.75	2,338.58	5,258.07	47,996.16	....
Lady Minto	Cochrane	10,492.53	13,983.71	11,680.34	7,783.89	1,401.04	6,655.15	879.30	200.00	2,981.07	56,057.03	....
General and Marine	Collingwood	14,492.89	19,135.89	19,633.94	7,969.16	1,617.17	9,279.99	1,686.65	1,545.02	6,006.06	81,306.77	....
Cornwall General	Cornwall	31,940.00	37,385.40	36,147.73	13,184.74	7,506.28	8,857.67	4,638.81	5,702.98	16,102.64	161,466.25	....
Haldimand War Memorial	Dunnville	9,350.30	8,960.00	6,962.27	2,044.19	173.54	4,735.02	327.53	172.15	1,369.35	34,094.35	....
Durham Mèmorial	Durham	5,518.50	3,914.32	3,392.61	3,008.65	491.26	1,248.23	541.97	1,029.10	912.49	20,057.13	305.53
Groves Memorial	Fergus	11,948.15	8,129.11	7,394.08	3,992.59	840.79	4,933.60	531.57	2,271.05	1,716.97	41,757.91	....
Douglas Memorial	Fort Erie	23,072.47	20,922.51	13,452.10	5,519.38	533.26	6,957.91	5,500.00	5,368.28	8,136.43	89,462.34	....
La Verendrye	Fort Frances	11,167.45	18,029.57	10,121.34	3,468.47	758.61	7,664.46	2,740.13	2,999.32	4,146.00	61,095.35	3,383.33
Galt	Galt	48,132.14	36,332.51	26,752.09	18,421.27	1,842.49	14,859.42	5,831.83	5,964.78	12,939.86	171,076.39	....
Alexandra Marine and Gen	Goderich	18,713.97	9,641.70	10,564.54	5,584.74	1,648.44	4,976.29	1,173.63	1,440.30	1,433.28	55,176.89	....
West Lincoln Memorial	Grimsby	12,152.15	7,607.44	5,785.04	2,215.18	48.18	574.19	1,309.26	983.90	2,283.85	32,959.19	....
Guelph General	Guelph	17,674.00	51,807.30	35,337.65	21,025.33	4,340.99	24,227.29	4,414.80	1,457.07	11,323.52	171,607.95	....
St. Joseph's	Guelph	31,700.79	40,763.18	37,118.04	15,508.65	4,223.13	14,690.11	4,883.45	7,958.16	11,080.27	167,925.78	....
Misericordia	Haileybury	8,211.50	21,128.38	12,335.58	9,067.88	1,392.89	3,336.93	5,179.42	2,349.34	3,465.52	66,467.44	3,329.43
Hanover Memorial	Hanover	7,030.93	3,421.11	2,846.76	2,076.25	398.76	1,182.24	400.00	1,594.95	1,627.89	20,578.89	....
Notre-Dame	Hawkesbury	3,950.66	8,114.56	5,847.41	4,967.57	1,398.69	2,100.36	728.14	707.58	1,714.83	29,529.80	....
St. Paul's	Hearst	9,953.07	25,348.90	18,087.46	17,136.36	2,747.92	15,253.48	107.88	2,321.24	6,423.63	97,679.94	....
Alexandra	Ingersoll	18,549.95	10,838.31	8,593.73	4,401.95	1,337.28	5,589.40	782.35	1,884.32	2,265.52	54,242.81	....
Anson General	Iroquois Falls	19,386.39	13,724.98	11,934.67	7,333.61	6,223.26	4,233.45	....	....	7,472.49	70,308.85	....
Kenora General	Kenora	11,869.57	13,074.36	12,940.82	8,331.64	1,330.44	5,622.15	2,570.33	612.85	3,163.12	59,545.28	....
St. Joseph's	Kenora	12,018.32	12,079.96	10,675.46	8,728.24	1,853.64	2,245.14	2,915.36	747.86	2,516.18	53,780.16	3,420.00
Kincardine General	Kincardine	8,652.23	5,135.00	4,874.49	3,664.35	1,335.38	2,824.33	690.69	1,479.68	1,705.17	30,361.32	....
The Ross Memorial	Lindsay	16,148.91	18,361.67	17,589.51	17,342.28	2,480.61	11,263.36	4,427.75	2,761.76	10,643.03	101,018.88	....
Memorial	Listowel	13,797.42	11,163.22	6,826.88	5,235.79	684.43	5,025.41	1,366.90	1,440.37	2,267.05	47,807.47	....
St. Joseph's	Little Current	4,047.18	5,437.89	3,966.19	1,958.93	776.10	2,564.39	1,191.92	1,142.54	1,192.76	22,277.10	....
Rosedale War Memorial	Matheson	3,122.97	3,973.32	2,342.19	1,659.40	250.09	1,318.44	110.00	291.05	597.47	13,664.93	....
General	Mattawa	2,904.00	13,213.35	8,376.22	7,892.93	1,491.80	3,833.45	1,930.90	745.76	2,300.91	42,689.32	450.00
St. Andrew's	Midland	21,307.85	12,748.98	10,157.49	7,738.24	4,131.49	6,928.63	3,691.60	494.34	6,648.99	73,847.61	....
Louise Marshall	Mount Forest	5,311.18	2,560.90	1,656.05	2,010.23	209.41	788.72	....	410.00	1,135.34	14,081.83	....
York County	Newmarket	29,404.44	18,080.35	11,336.21	10,963.03	1,536.98	11,542.30	5,095.53	3,074.26	8,877.40	99,910.50	180.00
Niagara Cottage	Niagara-on-Lake	8,522.08	2,938.77	3,565.71	1,676.64	314.93	1,606.90	290.00	179.68	927.36	20,022.07	....
Queen Victoria	North Bay	20,764.59	15,166.28	11,016.72	5,887.57	971.02	4,332.70	960.00	2,004.44	9,019.56	70,122.88	....

GENERAL HOSPITALS (Cont'd)

Table No. 3—Cost of operating hospital

Name of Hospital	Location	Salaries and Wages: Nurses, R.N., and Sisters, R.N.	Salaries and Wages: Other Employees	Cost of dietary services	House-keeping and maintenance costs, including light, heat, power and water	Cost of laundry, bedding and linen	Cost of drugs, medical, surgical and sterile supply	Depreciation: Buildings	Depreciation: Equipment	Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges	Interest and capital charges
Group D (Cont'd)		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Lord Dufferin	Orangeville	14,924.32	10,359.33	9,588.03	4,830.84	598.27	5,335.63	773.28	3,004.80	2,062.14	51,476.64	
Orillia Soldiers' Memorial	Orillia	19,726.52	28,927.46	23,038.38	14,421.63	2,626.43	14,018.84	4,381.32	2,020.25	13,456.42	122,617.25	
Salvation Army Grace	Ottawa	16,267.26	44,886.01	23,547.52	14,915.13	6,235.46	11,626.44	3,600.00	2,854.74	9,919.81	133,852.37	
Palmerston General	Palmerston	8,846.23	3,159.00	5,700.50	3,331.99	596.49	4,189.14	384.37	1,720.52	2,001.08	29,929.32	
Willett	Paris	15,725.13	6,503.75	7,442.97	4,450.82	499.22	2,673.72	1,824.93	1,031.93	1,782.40	41,934.87	
Parry Sound General	Parry Sound	2,697.17	11,337.05	6,696.39	3,036.69	114.10	2,273.75	2,292.00		1,014.51	29,461.66	
St. Joseph's General	Parry Sound	10,456.25	12,333.63	8,616.52	5,145.73	958.56	4,840.72	3,174.98	540.00	4,384.87	50,451.26	167.78
Pembroke Cottage	Pembroke	21,957.43	26,262.56	15,411.80	7,218.25	2,100.00	12,230.32	2,602.00	1,744.00	6,414.84	95,941.20	
General	Penetanguishene	7,817.40	4,973.60	4,019.90	2,513.88	1,296.19	2,253.73	110.00	792.04	842.45	24,619.19	
Great War Memorial	Perth	28,828.11	13,696.75	18,110.59	8,071.41	1,270.05	8,427.02	2,000.00	1,500.00	2,558.29	84,462.22	
St. Joseph's	Peterborough	36,027.35	25,546.75	27,820.75	11,347.67	3,291.51	15,249.00	3,678.58	10,803.66	5,572.92	139,338.19	
Charlotte E. Englehart	Petrolia	20,788.74	14,235.70	10,146.40	6,788.65	432.77	6,158.59	2,467.25	118.26	3,761.60	64,897.96	
Prince Edward County	Picton	15,634.28	14,118.91	8,611.10	4,867.46	1,961.31	5,850.19	840.00		2,200.54	54,083.79	
The Port Hope	Port Hope	14,389.33	14,763.50	7,291.71	6,999.36		9,173.54	1,790.57	3,420.78	1,254.44	59,083.23	
Victoria	Renfrew	16,408.18	13,772.94	14,090.57	7,821.73	936.17	8,781.95	2,434.66	899.84	5,036.69	70,182.73	3,055.32
General	Sault Ste. Marie	43,777.82	30,233.07	28,883.91	21,969.97	1,334.42	10,165.55	5,121.36	5,511.90	17,541.51	164,539.51	
Plummer Memorial	Sault Ste. Marie	17,644.83	22,995.69	16,705.26	10,266.05	3,131.87	12,879.27	3,786.38	3,674.16	7,439.99	98,523.50	936.28
Scott Memorial	Seaforth	6,859.92	13,257.24	6,436.58	3,833.97	793.51	4,515.47	262.06	1,022.12	1,848.59	38,829.46	
Norfolk General	Simcoe	38,346.80	30,877.78	13,866.53	6,316.25	1,043.74	8,102.93	2,641.37	2,570.56	4,889.25	108,655.21	
Sioux Lookout General	Sioux Lookout	9,782.46	7,396.13	6,637.14	2,357.33	1,057.24	5,149.36	1,344.36	673.00	2,126.37	36,523.39	
Smiths Falls Public	Smiths Falls	23,514.15	10,544.22	13,280.31	6,262.09	4,622.25	8,011.09	2,135.00	2,513.75	3,982.40	74,865.26	
St. Francis General	Smiths Falls	17,953.42	13,121.34	11,961.86	7,771.98	536.54	4,477.29	1,698.80	1,516.00	3,281.69	62,348.92	
Porcupine General	South Porcupine	16,380.05	9,111.54	9,067.08	4,664.09	994.54	4,959.26	1,754.97	1,706.97	5,157.47	53,795.97	
Strathroy General	Strathroy	18,446.77	14,055.57	10,100.27	11,227.71	1,078.60	3,637.98	1,710.01	693.89	2,286.74	63,237.54	
St. Jean de Brebeuf	Sturgeon Falls	6,900.00	7,289.50	6,082.74	4,223.71	2,160.83	2,903.19	928.68	446.85	1,080.21	32,015.71	3,898.86
Soldiers' Memorial	Tillsonburg	19,087.38	13,300.74	9,356.91	3,967.19	1,160.26	7,658.24	1,362.03	2,703.89	4,180.98	62,777.62	
Lockwood Clinic	Toronto					Financial statements not submitted						
Mothercraft	Toronto	6,143.97	11,675.89	11,793.81	6,463.58	2,297.27	420.91		1,626.93	2,331.75	42,754.11	
County of Bruce General	Walkerton	13,888.81	7,731.49	9,208.43	4,907.88	605.31	6,395.82	1,697.47	3,966.45	3,480.14	51,881.80	
Wingham General	Wingham	8,967.90	7,668.15	4,837.68	4,005.29	470.55	3,321.65	525.97	2,450.34	1,361.49	33,609.02	
Woodstock General	Woodstock	42,068.06	59,525.78	32,389.38	17,278.01	2,846.02	13,047.05	6,180.50	7,239.81	10,465.43	191,040.04	100.00
TOTALS		1,174,773.96	1,124,710.69	875,053.33	517,824.88	115,505.25	461,964.20	151,490.78	147,530.65	332,381.76	4,901,235.50	19,628.38
GRAND TOTALS:												
Public General Hospitals		**4,822,821.06**	**9,294,732.61**	**4,604,531.55**	**2,427,513.36**	**571,880.01**	**2,605,100.34**	**868,938.80**	**721,812.36**	**2,074,044.84**	**27,991,374.93**	**392,736.67**
Red Cross Outposts		**175,071.10**	**80,817.35**	**72,529.07**	**46,881.82**	**6,296.78**	**48,784.49**	**4,296.74**	**10,249.76**	**46,422.22**	**491,349.33**	
GRAND TOTALS Incl. Red Cross		**4,997,892.16**	**9,375,549.96**	**4,677,060.62**	**2,474,395.18**	**578,176.79**	**2,653,884.83**	**873,235.54**	**732,062.12**	**2,120,467.06**	**28,482,724.26**	**392,736.67**

GENERAL HOSPITALS (Cont'd)

Table No. 3A—Average daily cost of each patient.

Name of Hospital	Location	Patient Days			Total adult days plus 25% infant days	Salaries and Wages		Dietary Serv-ices	House-keeping and mainten-ance costs, including light, heat, power and water	Laundry, bed-ding and linen	Drugs, medical, surgi-cal and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges
		Private and semi-private	Public	Nursery		Nurses, R.N., and Sisters, R.N.	Other Em-ployees					Build-ings	Equip-ment		
						$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
GROUP A Teaching Hospitals															
Toronto General	Toronto	97,975	264,765	36,533	371,873	.99	3.49	.97	.61	.14	.72	.31	.15	.44	7.82
St. Michael's	Toronto	90,085	120,172	26,688	216,929	.78	2.37	1.12	.56	.07	.41	.26	.14	.42	6.13
Victoria	London	108,181	59,911	12,130	171,200	1.04	2.38	.93	.45	.08	.66	.34	.20	.50	6.58
Toronto Western	Toronto	76,330	91,453	22,882	173,504	1.21	2.73	1.23	.51	.30	.52	.20	.17	.80	7.67
Hospital for Sick Children	Toronto	17,725	110,640	...	128,365	1.03	3.32	.95	.78	.15	.75	.08	...	.71	7.77
Kingston General	Kingston	71,737	32,593	8,801	106,530	.85	2.42	1.32	.49	.12	.48	.27	.11	.58	6.64
St. Joseph's	London	80,715	8,343	15,554	92,947	.83	1.41	.96	.44	.08	.32	.22	.24	.32	4.82
Hotel Dieu	Kingston	28,505	26,554	6,486	56,681	1.00	1.12	1.57	1.06	.08	.51	.33	.11	.51	6.29
GROUP B Hospitals in Teaching Centres															
Toronto East General	Toronto	46,009	83,377	16,472	133,504	.67	2.32	.99	.40	.08	.54	.16	.26	.42	5.84
St. Joseph's	Toronto	43,394	60,300	15,532	107,577	1.01	1.92	1.09	.45	.06	.53	.23	.20	.48	5.97
Women's College	Toronto	34,304	11,100	15,816	49,358	1.59	2.80	.97	.75	.10	.74	.28	.21	.47	7.91
Mount Sinai	Toronto	11,669	21,590	9,634	35,668	2.42	1.97	1.15	.49	.34	1.26	.07	.20	.50	8.40
Wellesley	Toronto	28,289	3,409	5,361	33,038	1.37	3.48	1.81	.75	.11	.83	.12	.12	.71	9.30
Salvation Army Grace	Toronto	18,189	4,248	18,299	27,012	1.18	1.78	.94	.58	.20	.48	.12	.12	.33	5.73
GROUP C Capacity, 100 Beds and Over															
Belleville General	Belleville	18,625	37,640	9,989	58,762	1.11	1.67	1.00	.36	.09	.83	.15	.10	.29	5.60
Brantford General	Brantford	29,713	48,015	13,088	81,000	.94	1.98	.92	.43	.09	.46	.14	.11	.37	5.44
Brockville General	Brockville	20,623	13,715	3,314	35,167	.56	1.25	1.18	.59	.06	.38	.10	.23	.52	4.87
Public General	Chatham	24,692	17,892	6,397	44,183	.85	1.18	.90	.60	.16	.48	.23	.28	.64	5.32
St. Joseph's	Chatham	24,340	10,710	8,108	37,077	.90	.93	.95	.41	.12	.49	.19	.28	.27	4.54
Hotel Dieu	Cornwall	10,573	30,803	6,030	42,883	.87	.89	.77	.38	.18	.40	.16	...	.30	3.95
McKellar General	Fort William	30,283	35,107	8,004	67,391	.95	1.77	.80	.43	.06	.55	.12	.14	.33	5.15
Hamilton General	Hamilton	34,585	199,640	40,653	244,388	.72	2.60	.99	.45	.12	.48	...	...	.37	5.73
St. Joseph's	Hamilton	27,962	30,363	10,454	60,939	.86	1.39	1.24	.50	.21	.56	.17	.19	.28	5.40
Kitchener-Waterloo	Kitchener	26,836	27,285	7,892	56,094	1.21	1.96	.91	.61	.25	.47	.16	.04	.70	6.31
St. Mary's	Kitchener	18,543	17,760	6,485	37,924	1.13	1.55	1.11	.73	.10	.41	.25	.31	.36	5.95
Niagara Falls General	Niagara Falls	21,436	24,789	8,016	48,229	.78	1.54	.98	.36	.11	.63	.16	.08	.45	5.09
St. Joseph's General	North Bay	8,416	22,214	4,020	31,635	.87	.94	.80	.41	.08	.38	.12	.20	.39	4.19
Oshawa General	Oshawa	36,794	16,429	8,691	55,396	1.03	2.00	1.06	.42	.10	.65	.18	.13	.76	6.33
Ottawa Civic	Ottawa	198,076	69,798	30,772	275,567	.65	2.28	.97	.47	.11	.42	.21	.28	.59	5.98
Ottawa General	Ottawa	57,351	42,293	7,626	101,551	.98	1.38	.65	.45	.03	.62	.20	.33	.28	4.92
General and Marine	Owen Sound	19,516	12,644	5,727	33,592	1.55	2.01	.96	.50	.10	.78	.10	.13	.38	6.51
General	Pembroke	11,770	24,081	5,408	37,203	.79	.86	.92	.67	.10	.53	.18	.17	.31	4.53
Peterborough Civic	Peterborough	20,280	18,330	6,160	40,150	.91	2.10	.99	.55	.10	.78	.11	.24	.40	6.18

GENERAL HOSPITALS (Cont'd)

Table No. 3A—Average daily cost of each patient.

Name of Hospital	Location	Patient Days			Total adult days plus 25% infant days	Salaries and Wages		Dietary Services	House-keeping and maintenance costs, including light, heat, power and water	Laundry, bedding and linen	Drugs, medical, surgical and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges
		Private and semi-private	Public	Nursery		Nurses, R.N., and Sisters, R.N.	Other Employees					Buildings	Equipment		
Group C (Cont'd)						$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
General	Port Arthur	18,131	26,768	5,579	46,294	.79	1.47	.86	.39	.09	.58	...	......	.29	4.47
St. Joseph's General	Port Arthur	23,949	39,598	5,629	64,954	.75	1.23	.72	.31	.06	.45	.10	.13	.29	4.04
St. Catharines General	St. Catharines	18,762	33,000	11,223	54,570	.91	2.08	.93	.52	.12	.75	.35	.23	.52	6.41
Memorial	St. Thomas	24,591	16,206	8,423	42,903	2.13	1.61	1.14	.31	.08	.76	.14	.21	.40	6.78
Sarnia General	Sarnia	29,977	7,791	4,364	38,859	1.81	2.38	1.00	.46	.07	.62	.16	.17	.45	7.12
St. Joseph's	Sarnia	15,562	7,331	3,702	23,818	2.44	2.13	1.01	.65	.10	.78	......	.....	.38	7.49
Stratford General	Stratford	15,631	20,532	6,782	37,859	1.00	1.68	.76	.47	.06	.47	.15	.04	.37	5.00
St. Joseph's	Sudbury	24,674	31,658	7,540	58,217	1.21	1.61	.60	.57	.18	.56	.22	.17	.49	5.61
St. Mary's	Timmins	12,633	23,328	6,166	37,502	1.25	1.25	.80	.52	.09	.46	.16	.04	.32	4.89
Welland County General	Welland	8,833	22,019	6,577	32,496	1.71	1.79	1.15	.34	.36	.55	.32	.25	.85	7.32
Hotel Dieu	Windsor	34,681	34,714	15,253	73,208	.86	1.77	1.03	.36	.17	.83	.26	.03	.21	5.52
Metropolitan General	Windsor	13,405	24,888	5,092	39,566	1.70	2.74	.94	.56	.12	.81	.....	.03	.99	7.89
Salvation Army Grace	Windsor	45,622	34,242	17,596	84,263	.40	1.62	.93	.55	.11	.66	.17	.17	.26	4.87
GROUP D															
Capacity, Under 100 Beds															
Stevenson Memorial	Alliston	3,135	4,081	1,568	7,608	1.61	.95	.84	.96	.16	.37	.29	.03	.22	5.43
Rosamond Memorial	Almonte	3,411	2,639	2,500	6,675	1.95	.78	.71	.35	.03	.37	.12	.10	.41	4.82
Arnprior District and Memorial	Arnprior	3,666	3,917	1,851	8,046	.85	1.72	.75	.49	.06	.19	.37	.39	.32	5.14
Royal Victoria	Barrie	9,506	12,315	5,538	23,206	1.21	1.02	.85	.40	.10	.61	.13	.17	.59	5.08
St. Joseph's General	Blind River	2,835	9,738	1,272	12,891	.66	.54	.75	.24	.17	.14	.05	.13	.16	2.84
Bowmanville	Bowmanville	3,440	3,079	2,045	7,030	1.47	1.43	1.02	.57	.05	.41	.17	..	.29	5.41
Peel Memorial	Brampton	7,079	5,268	3,953	13,335	1.65	1.32	.80	.49	.08	.57	.14	.21	.32	5.58
St. Vincent de Paul	Brockville	15,218	7,307	2,575	23,169	1.14	.88	1.00	.52	.07	.40	.14	...	.27	4.42
Lady Minto	Chapleau	1,399	6,886	825	8,491	1.65	.87	.72	.52	.05	.51	.28	.07	.22	4.89
Clinton Public	Clinton	3,287	3,222	1,510	6,887	.82	.89	.79	.40	.10	.38	.12	.28	.24	4.02
Cobourg General	Cobourg	3,756	5,146	2,124	9,433	1.69	1.01	.63	.34	.16	.26	.19	.25	.56	5.09
Lady Minto	Cochrane	3,062	10,946	1,362	14,349	.73	.98	.81	.54	.10	.46	.06	.01	.21	3.90
General and Marine	Collingwood	9,070	8,025	2,337	17,679	.82	1.08	1.11	.45	.09	.52	.10	.09	.34	4.60
Cornwall General	Cornwall	11,939	11,722	3,473	24,529	1.30	1.52	1.47	.54	.31	.36	.19	.23	.66	6.58
Haldimand War Memorial	Dunnville	3,296	2,738	1,637	6,443	1.45	1.39	1.08	.32	.03	.73	.05	.03	.21	5.29
Durham Memorial	Durham	2,431	1,428	768	4,051	1.36	.97	.84	.74	.12	.31	.13	.25	.23	4.95
Groves Memorial	Fergus	4,548	2,011	1,309	6,886	1.74	1.18	1.07	.58	.12	.72	.08	.33	.25	6.07
Douglas Memorial	Fort Erie	5,085	6,314	2,548	12,036	1.92	1.74	1.12	.46	.04	.58	.46	.45	.67	7.44
La Verendrye	Fort Frances	7,246	8,854	3,025	16,856	.66	1.07	.60	.20	.05	.45	.16	.18	.25	3.62
Galt	Galt	9,288	15,515	4,483	25,924	1.86	1.40	1.03	.71	.07	.57	.22	.23	.50	6.59
Alexandra Marine & General	Goderich	5,717	7,527	2,075	13,763	1.36	.70	.77	.41	.12	.36	.09	.10	.10	4.01
West Lincoln Memorial	Grimsby	3,995	79	1,511	4,452	2.73	1.71	1.30	.50	.01	.13	.29	.22	.51	7.40
Guelph General	Guelph	22,234	14,571	5,108	38,082	.46	1.36	.93	.55	.11	.64	.12	.04	.30	4.51

St. Joseph's	Guelph	18,534	14,136	4,387	33,767	.94	1.21	1.10	.46	.12	.43	.14	.24	.33	4.97
Misericordia	Haileybury	4,804	15,524	1,380	20,673	.40	1.02	.60	.44	.07	.16	.25	.11	.16	3.21
Hanover Memorial	Hanover	1,991	1,660	1,551	4,039	1.74	.85	.71	.51	.10	.29	.10	.39	.40	5.09
Notre-Dame	Hawkesbury	1,508	5,406	1,313	7,242	.54	1.12	.81	.69	.19	.29	.10	.10	.24	4.08
St. Paul's	Hearst	4,624	16,124	1,460	21,113	.47	1.20	.86	.81	.13	.72	.02	.11	.30	4.62
Alexandra	Ingersoll	4,502	6,390	2,067	11,409	1.62	.95	.75	.39	.12	.49	.07	.16	.20	4.75
Anson General	Iroquois Falls	1,070	7,045	1,390	8,463	2.29	1.62	1.41	.87	.74	.50	....	......	.88	8.31
Kenora General	Kenora	5,282	7,737	1,526	13,401	.89	.97	.96	.62	.10	.42	.19	.05	.24	4.44
St. Joseph's	Kenora	2,835	11,609	1,592	14,842	.81	.81	.72	.59	.12	.15	.20	.05	.17	3.62
Kincardine General	Kincardine	4,706	2,790	1,378	7,841	1.10	.66	.62	.47	.17	.36	.09	.19	.22	3.88
The Ross Memorial	Lindsay	11,621	9,020	4,842	21,852	.74	.84	.80	.79	.11	.52	.20	.13	.49	4.62
Memorial	Listowel	3,698	5,274	2,054	9,486	1.45	1.18	.72	.55	.07	.53	.14	.15	.24	5.03
St. Joseph's	Little Current	899	3,269	712	4,346	.93	1.25	.91	.45	.18	.59	.27	.26	.27	5.11
Rosedale War Memorial	Matheson	450	1,515	456	2,079	1.50	1.91	1.13	.80	.12	.63	.05	.10	.29	6.53
General	Mattawa	1,823	8,880	1,144	10,989	.26	1.20	.76	.72	.14	.35	.18	.07	.21	3.89
St. Andrew's	Midland	6,399	6,323	2,080	13,242	1.61	.96	.77	.58	.31	.53	.28	.04	.50	5.58
Louise Marshall	Mount Forest	1,823	902	1,198	3,025	1.75	.85	.55	.66	.07	.26	....	.14	.38	4.66
York County	Newmarket	8,060	8,280	4,050	17,353	1.70	1.04	.65	.63	.09	.67	.29	.18	.51	5.76
Niagara Cottage	Niagara-on-the-Lake	1,724	2,226	724	4,131	2.06	.71	.86	.41	.08	.39	.07	.04	.22	4.84
Queen Victoria	North Bay	6,997	5,297	2,101	12,819	1.62	1.18	.86	.46	.08	.34	.07	.16	.70	5.47
Lord Dufferin	Orangeville	5,607	4,978	1,784	11,031	1.35	.94	.87	.44	.05	.48	.07	.27	.19	4.66
Orillia Soldiers' Memorial	Orillia	11,261	16,180	5,833	28,899	.68	1.00	.80	.50	.09	.49	.15	.07	.46	4.24
Salvation Army Grace	Ottawa	16,895	3,126	18,796	24,720	.66	1.82	.95	.60	.25	.47	.15	.12	.40	5.42
Palmerston General	Palmerston	3,030	2,698	1,188	6,025	1.47	.52	.95	.55	.10	.70	.06	.29	.33	4.97
Willett	Paris	3,964	4,655	1,487	8,991	1.75	.72	.83	.50	.05	.30	.20	.12	.20	4.67
Parry Sound General	Parry Sound	3,403	7,579	1,781	11,427	.24	.99	.59	.26	.01	.20	.20	....	.09	2.58
St. Joseph's General	Parry Sound	4,020	7,394	2,240	11,974	.87	1.03	.72	.43	.08	.40	.27	.05	.37	4.22
Pembroke Cottage	Pembroke	10,193	5,603	1,549	16,183	1.36	1.62	.95	.45	.13	.76	.16	.11	.39	5.93
General	Penetanguishene	1,412	3,950	1,122	5,643	1.39	.88	.71	.44	.23	.40	.02	.14	.15	4.36
Great War Memorial	Perth	10,669	7,655	2,814	19,027	1.52	.72	.95	.43	.07	.44	.11	.08	.13	4.45
St. Joseph's	Peterborough	12,336	17,320	7,130	31,438	1.14	.82	.88	.36	.10	.49	.12	.36	.18	4.45
Charlotte E. Englehart	Petrolia	6,920	2,629	1,877	10,018	2.07	1.42	1.01	.68	.04	.62	.25	.01	.38	6.48
Prince Edward County	Picton	5,112	5,849	3,110	11,739	1.33	1.20	.73	.42	.17	.50	.07	....	.19	4.61
The Port Hope	Port Hope	3,658	5,509	1,368	9,509	1.51	1.55	.77	.74	....	.96	.19	.36	.13	6.21
Victoria	Renfrew	7,949	8,128	3,068	16,844	.97	.82	.84	.46	.06	.52	.14	.05	.30	4.16
General	Sault Ste. Marie	15,669	13,056	4,338	29,810	1.46	1.02	.97	.74	.04	.34	.17	.19	.59	5.52
Plummer Memorial	Sault Ste. Marie	10,158	6,791	3,035	17,708	1.00	1.29	.94	.58	.18	.73	.21	.21	.42	5.56
Scott Memorial	Seaforth	4,412	2,383	1,414	7,148	.96	1.85	.90	.54	.11	.63	.04	.14	.26	5.43
Norfolk General	Simcoe	6,438	9,623	4,581	17,206	2.23	1.79	.81	.37	.06	.47	.15	.15	.28	6.31
Sioux Lookout General	Sioux Lookout	3,012	5,746	965	8,999	1.09	.82	.74	.26	.12	.57	.15	.07	.23	4.05
Smiths Falls Public	Smiths Falls	8,795	5,347	1,904	14,618	1.61	.72	.91	.43	.32	.55	.15	.17	.26	5.12
St. Francis General	Smiths Falls	7,936	4,115	1,002	12,302	1.46	1.07	.97	.63	.04	.36	.14	.13	.27	5.07
Porcupine General	South Porcupine	3,429	5,214	2,235	9,202	1.78	.99	.98	.51	.11	.54	.19	.19	.56	5.85
Strathroy General	Strathroy	10,011	2,270	2,060	12,796	1.44	1.10	.79	.88	.08	.28	.13	.05	.18	4.93
St. Jean de Brebeuf	Sturgeon Falls	1,614	12,162	2,029	14,283	.48	.51	.43	.30	.15	.20	.07	.03	.08	2.25
Soldiers' Memorial	Tillsonburg	6,285	6,912	3,253	14,010	1.36	.95	.67	.28	.08	.55	.10	.19	.30	4.48
Lockwood Clinic	Toronto	....	....	....	....	....	Financial statement not submitted				....	....	....	......	....
Mothercraft	Toronto	....	9,475	....	9,475	.65	1.23	1.25	.68	.24	.04	....	.17	.25	4.51
County of Bruce General	Walkerton	5,053	5,242	1,771	10,738	1.29	.72	.86	.46	.05	.60	.16	.37	.32	4.83
Wingham General	Wingham	3,494	4,289	2,185	8,329	1.08	.92	.58	.48	.06	.40	.06	.29	.16	4.03
Woodstock General	Woodstock	15,122	11,801	5,123	28,204	1.49	2.11	1.16	.60	.10	.46	.22	.26	.37	6.77

GENERAL HOSPITALS (Cont'd)

Table No. 4—Sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from munici-palities for patients' treatment	Income from investments, endow-ments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from munici-palities for building, debentures, etc.	Total income from all sources other than Government grants
GROUP A Teaching Hospitals		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Toronto General	Toronto	2,066,320.56	263,668.36	105,990.50	9,659.47		2,445,638.89
St. Michael's	Toronto	997,226.26	153,166.65	6,224.23	57,108.76		1,213,725.90
Victoria	London	831,473.47	245,194.66	3,131.14	7,111.36	8,254.21	1,095,164.84
Toronto Western	Toronto	1,074,730.08	100,534.29	7,010.00	182,511.77	10,000.00	1,374,786.14
Hospital for Sick Children	Toronto	421,788.76	191,638.81	91,430.83	117,925.87		822,784.27
Kingston General	Kingston	594,306.50	65,520.25	33,743.98	359.60		693,930.33
St. Joseph's	London	481,156.24	17,142.35	4,446.40	1,477.58		504,222.57
Hotel Dieu	Kingston	228,804.42	33,059.85	2,246.29	50,341.06		314,451.62
TOTALS		6,695,806.29	1,069,925.22	254,223.37	426,495.47	18,254.21	8,464,764.56
GROUP B Hospitals in Teaching Centres							
Toronto East General	Toronto	733,556.47	18,817.33	18,879.10	116,416.23		887,659.13
St. Joseph's	Toronto	577,850.96	42,828.70	761.68	40,580.60	115,000.00	777,021.94
Women's College	Toronto	388,052.19	7,408.45	4,571.03	633.03		400,664.70
Mount Sinai	Toronto	269,163.05	5,048.93		16,287.45		290,499.43
Wellesley	Toronto	285,218.13	1,257.75	307.14	825.00		287,668.02
Salvation Army Grace	Toronto	161,017.17	1,570.80	161.21	727.11		163,476.29
TOTALS		2,414,857.97	76,931.96	24,740.16	175,459.42	115,000.00	2,806,989.51
GROUP C Capacity, 100 Beds and Over							
Belleville General	Belleville	305,667.06	25,557.00	973.44	1,842.50		334,040.00
Brantford General	Brantford	335,342.55	61,630.75	1,682.47		13,580.00	412,235.77
Brockville General	Brockville	148,956.22	14,413.60	30.00			163,399.82
Public General	Chatham	243,367.10	18,368.51	552.00	2,446.85		264,734.46
St. Joseph's	Chatham	173,587.77	7,860.45	497.69	1,419.95		183,365.86
Hotel Dieu	Cornwall	136,582.91	30,634.85	46.00	1,063.66		168,327.42
McKellar General	Fort William	255,774.41	94,320.73	848.00	308.94	46,500.00	397,752.08
Hamilton General	Hamilton	856,853.55	571,467.77	23,370.96			1,451,692.28
St. Joseph's	Hamilton	297,327.34	11,382.95		45,994.89		354,705.18
Kitchener–Waterloo	Kitchener	274,981.55	87,282.71	1,642.92		70,000.00	433,907.18
St. Mary's	Kitchener	192,416.50	14,225.00		29,215.90		235,857.40
Niagara Falls General	Niagara Falls	243,307.37	13,415.70	3,103.74	1,837.00	5,000.00	266,663.81
St. Joseph's General	North Bay	112,485.23	15,589.70	1,348.06	23,168.40		152,591.39
Oshawa General	Oshawa	343,878.07	5,263.76	1,952.85	575.00		351,669.68
Ottawa Civic	Ottawa	1,255,228.68	171,810.30	99,443.03		171,072.12	1,697,554.13
Ottawa General	Ottawa	432,150.81	57,258.89	2,566.20	155.00		492,130.90
General and Marine	Owen Sound	211,049.19	12,860.55	414.60	1,787.51		226,111.85
General	Pembroke	142,844.40	11,410.70	2,883.97	28,256.46		185,395.53
Peterborough Civic	Peterborough	199,246.55	38,401.77	823.40	361.70	34,049.82	272,883.24
General	Port Arthur	235,656.59	18,058.50	105.75	1,298.68		255,119.52
St. Joseph's General	Port Arthur	301,117.02	26,975.44	599.48	1,616.15		330,308.09
St. Catharines General	St. Catharines	343,063.67	9,973.85	3,140.25	10,034.62		366,212.39
Memorial	St. Thomas	237,280.46	35,739.97	4,263.14	6,308.73	9,902.94	293,495.24
Sarnia General	Sarnia	241,371.92	33,131.75	1,983.93	10,521.00	7,701.72	294,710.32
St. Joseph's	Sarnia	169,683.82	1,798.25	1,302.22	258,041.65		430,825.94
Stratford General	Stratford	176,519.68	12,411.39	945.00	1,149.61		191,025.68
St. Joseph's	Sudbury	300,007.06	18,377.10	2,583.05	9,357.46		330,324.67
St. Mary's	Timmins	153,125.87	5,581.85	27,900.67	17,159.91		203,768.30
Welland County General	Welland	191,070.52	14,379.75	696.11	27,845.08		233,991.46
Hotel Dieu	Windsor	382,373.53	14,536.59	5,980.99	37,368.90		440,260.01
Metropolitan General	Windsor	205,673.52	52,193.24	784.95	275.45		258,927.16
Salvation Army Grace	Windsor	438,469.92	11,454.99	34,511.31			484,436.22
TOTALS		9,536,460.84	1,517,768.36	226,976.18	519,411.00	357,806.60	12,158,422.98
GROUP D Capacity, Under 100 Beds							
Stevenson Memorial	Alliston	29,047.88	3,288.75	16,520.18			48,856.81
Rosamond Memorial	Almonte	27,398.71	1,679.85	1,510.55	2,815.98		33,405.09
Arnprior Dist. and Mem.	Arnprior	29,507.20	4,159.45	332.47	10,903.42		44,902.54
Royal Victoria	Barrie	95,280.89	6,624.80	1,877.18	13,354.47		117,137.34
St. Joseph's General	Blind River	27,370.56	3,868.95				31,239.51
Bowmanville	Bowmanville	27,255.95	4,765.30	16.50	59.75		32,097.50
Peel Memorial	Brampton	64,243.12	3,894.15	823.99	297.57		69,258.83
St. Vincent de Paul	Brockville	109,624.13	4,389.20	143.00	21,823.04		135,979.37

GENERAL HOSPITALS (Cont'd)

Table No. 4—Sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
Group D (Cont'd)		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Lady Minto	Chapleau	33,921.52	301.50	902.97	6.00		35,131.99
Clinton Public	Clinton	26,654.59	2,083.60	110.25	25.00		28,873.44
Cobourg General	Cobourg	39,671.34	5,129.80	1,031.93	1.979.25		47,812.32
Lady Minto	Cochrane	32,804.16	4,708.60	150.08	179.90		37,842.74
General and Marine	Collingwood	70,923.94	6,834.40	3,257.39	2,734.54		83,750.27
Cornwall General	Cornwall	116,758.85	7,169.80	4,304.97	10,032.28		138,265.90
Haldimand War Memorial	Dunnville	30,184.33	2,999.25	185.00			33,368.58
Durham Memorial	Durham	13,465.66	5,323.22		1,681.70		20,470.58
Groves Memorial	Fergus	30,410.53	6,125.65	161.39	411.53		37,109.10
Douglas Memorial	Fort Erie	70,506.35	6,639.75	3,866.28	435.33		81,447.71
La Verendrye	Fort Frances	81,948.35	3,048.90	207.80	25.50		85,230.55
Galt	Galt	136,744.26	14,585.28	852.26	10,548.75		162,730.55
Alexandra Marine and Gen.	Goderich	46,626.07	6,775.35	3,315.32	197.50		56,914.24
West Lincoln Memorial	Grimsby	23,170.10	190.65	502.14	15,456.38		39,319.27
Guelph General	Guelph	165,468.75	12,193.21	4,396.93	600.00		182,658.89
St. Joseph's	Guelph	148,665.32	8,699.80	1,730.41	19,698.96		178,794.49
Misericordia	Haileybury	48,095.06	7,993.25	1,849.64	6,917.81		64,855.76
Hanover Memorial	Hanover	14,908.14	3,356.04	163.42	1,050.00		19,477.60
Notre-Dame	Hawkesbury	25,150.35	3,762.25	57.75	20.00		28,990.35
St. Paul's	Hearst	62,982.97	1,547.00	709.00	11,277.60		76,516.57
Alexandra	Ingersoll	42,232.88	11,448.71	1,200.53	1,038.55		55,920.67
Anson General	Iroquois Falls	34,819.35	3,032.38				37,851.73
General	Kenora	46,130.97	9,920.14	274.75	1,181.29		57,507.15
St. Joseph's	Kenora	44,472.59	6,520.50	379.77	10,740.59		62,113.45
Kincardine General	Kincardine	30,688.40	4,500.00	737.12	1,539.50		37,465.02
The Ross Memorial	Lindsay	87,328.73	4,056.85	5,635.04	350.00		97,370.62
Memorial	Listowel	42,005.40	2,550.00	562.78	1,000.00		46,118.18
St. Joseph's	Little Current	12,891.58	1,047.05		10,154.35		24,092.98
Rosedale War Memorial	Matheson	7,261.23	377.00	250.04	4,998.90		12,887.17
General	Mattawa	19,329.06	10,268.88	2.74	399.50		30,000.18
St. Andrew's	Midland	54,975.66	5,155.60	945.00	1,199.18		62,275.44
Louise Marshall	Mount Forest	13,809.32	200.00	179.25			14,188.57
York County	Newmarket	87,842.76	7,122.40		11,754.85		106,720.01
Niagara Cottage	Niagara-on-Lake	14,015.32	5,947.95	146.86	581.95		20,692.08
Queen Victoria	North Bay	60,001.19	10,396.00	33.75	2,650.75		73,081.69
Lord Dufferin	Orangeville	40,520.32	7,859.40	214.04	545.00		49,138.76
Orillia Soldiers' Memorial	Orillia	117,403.10	1,955.35	1,892.46	6,846.84		128,097.75
Salvation Army Grace	Ottawa	121,488.67	605.55	10.247.14	2,110.00		134,451.36
Palmerston General	Palmerston	29,233.22	1,164.75	103.75	1,827.25		32,328.97
Willett	Paris	35,281.73	6,330.38	434.69	3,317.64		45,364.44
Parry Sound General	Parry Sound	29,444.18	2,803.20	110.99			32,358.37
St. Joseph's General	Parry Sound	47,526.70	1,873.50	221.28	15,805.50		65,426.98
Pembroke Cottage	Pembroke	87,866.05	2,388.50	2,612.65	67.67		92,934.87
General	Penetanguishene	18,549.74	2,307.65	25.00	4,001.75		24,884.14
Great War Memorial	Perth	74,256.05	5,608.75	1,977.34	4,429.21		86,271.35
St. Joseph's	Peterborough	131,265.20	5,635.21	4,221.96	2,018.06		143,140.43
Charlotte E. Englehart	Petrolia	51,541.42	1,856.50	12,865.43	87.00		66,350.35
Prince Edward County	Picton	44,172.76	5,030.85	1,531.50	2,106.81		52,841.92
The Port Hope	Port Hope	40,254.14	7,060.50	2,435.32	1,225.00		50,974.96
Victoria	Renfrew	63,435.04	7,939.85	795.60		6,505.14	78,675.63
General	Sault Ste. Marie	151,169.16	9,655.55	342.77	270.00		161,437.48
Plummer Memorial	Sault Ste. Marie	83,351.77	22,615.64		2,914.55		108,881.96
Scott Memorial	Seaforth	28,894.93	3,725.85	592.39			33,213.17
Norfolk General	Simcoe	92,135.45	12,079.25	3,635.30	4,412.77		112,262.77
Sioux Lookout General	Sioux Lookout	38,988.30	506.00	924.15	1,480.00		41,898.45
Smiths Falls Public	Smiths Falls	60,865.03	9,527.07	4,038.72	3,351.92		77,782.74
St. Francis General	Smiths Falls	49,181.45	4,769.75	167.01	15,494.35		69,612.56
Porcupine General	South Porcupine	49,765.40	935.25	961.66	5,221.40		56,883.71
Strathroy General	Strathroy	42,812.03	10,427.75	1,079.35	637.45	1,000.00	55,956.58
St. Jean de Brebeuf	Sturgeon Falls	26,554.43	14,729.10	3.73	2,601.97		43,889.23
Soldiers' Memorial	Tillsonburg	60,808.70	4,500.84	7,422.57	117.39		72,849.50
Lockwood Clinic	Toronto		Financial statement not submitted.				
Mothercraft	Toronto	23,308.75	368.00	3,589.72			27,266.47
County of Bruce General	Walkerton	43,722.41	10,503.85	1,764.98	465.67		56,456.91
Wingham General	Wingham	35,311.78	1,270.00	15.00	113,205.90		149,802.68
Woodstock General	Woodstock	138,618.76	19,285.74	2,409.59	6,546.28		166,860.37
TOTALS		4,084,320.19	410,000.79	125,962.52	381,229.05	7,505.14	5,009,017.69
GRAND TOTALS:							
Public General Hospitals		**22,731,445.29**	**3,074,626.33**	**631,902.23**	**1,502,594.94**	**498,565.95**	**28,439,134.74**
Red Cross Outposts		**379,185.12**	**25,029.32**	**17,449.59**			**421,664.03**
GRAND TOTALS incl. Red Cross		**23,110,630.41**	**3,099,655.65**	**649,351.82**	**1,502,594.94**	**498,565.95**	**28,860,798.77**

GENERAL HOSPITALS (Cont'd)

Table No. 4A—Analysis of operating revenue from all sources including Government Grant.

Name of Hospital	Location	MAINTENANCE REVENUE						EXTRA SERVICES				
		Private and Semi-private		Public		Nursery		Private and Semi-private		Public		Outpatient
		Total revenue	Average per diem	Total revenue	Average per diem	Total revenue	Average per diem	Total revenue	Average per diem	Total revenue	Average per diem	Total revenue
GROUP A Teaching Hospitals		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Toronto General	Toronto	667,170.02	6.81	1,123,350.73	4.24	57,758.35	1.58	248,407.61	2.54	154,474.46	.58	91,203.47
St. Michael's	Toronto	461,608.74	5.12	470,293.35	3.91	36,489.30	1.37	157,594.64	1.75	41,708.32	.35	120,131.81
Victoria	London	431,795.24	3.99	207,346.07	3.46	7,315.10	.59	235,297.31	2.18	40,221.96	.67	88,709.08
Toronto Western	Toronto	437,381.56	5.73	364,843.29	3.99	39,012.45	1.70	151,998.41	1.99	75,595.97	.82	215,258.94
Hosp. for Sick Children	Toronto	97,868.68	5.52	487,126.56	4.40	....	....	35,187.56	1.99	8,208.25	.07	154,049.60
Kingston General	Kingston	327,757.24	4.57	153,296.01	4.70	11,545.00	1.31	136,551.40	1.90	43,976.14	1.35	39,093.10
St. Joseph's	London	323,895.88	4.01	27,173.95	3.26	8,140.70	.52	124,261.61	1.54	2,171.83	.26	18,991.02
Hotel Dieu	Kingston	123,406.83	4.33	103,802.18	3.91	4,994.60	.77	32,395.22	1.14	15,292.40	.58	14,191.60
GROUP B Hospitals in Teaching Centres												
Toronto East General	Toronto	196,405.86	4.27	325,723.18	3.91	21,165.88	1.28	72,079.04	1.57	106,559.00	1.28	62,755.94
St. Joseph's	Toronto	227,514.23	5.24	242,513.50	4.02	17,925.75	1.15	78,388.20	1.81	56,734.56	.94	54,269.67
Women's College	Toronto	198,283.45	5.78	48,484.99	4.37	25,584.19	1.62	92,155.24	2.69	12,435.52	1.12	31,361.60
Mount Sinai	Toronto	62,633.68	5.37	96,155.05	4.45	14,746.04	1.53	36,222.77	3.10	71,379.02	3.31	11,718.05
Wellesley	Toronto	179,006.72	6.33	17,878.65	5.24	10,059.50	1.88	68,220.42	2.41	9,098.40	2.67	3,234.19
Salvation Army Grace	Toronto	78,236.53	4.30	15,879.04	3.74	27,521.90	1.50	37,079.19	2.04	4,597.31	1.08	1,118.15
GROUP C Capacity, 100 Beds and Over												
Belleville General	Belleville	95,232.00	5.11	121,884.00	3.24	6,998.73	.70	41,520.23	2.23	52,978.10	1.41	19,373.50
Brantford General	Brantford	118,855.80	4.00	158,096.79	3.29	10,762.88	.82	32,368.77	1.09	46,391.98	.97	22,587.88
Brockville General	Brockville	76,814.75	3.72	41,132.60	3.00	....	....	32,327.34	1.57	9,119.38	.66	8,146.00
Public General	Chatham	117,589.74	4.76	49,562.25	2.77	5,293.85	.83	54,566.77	2.21	29,095.90	1.63	....
St. Joseph's	Chatham	83,273.09	3.42	36,033.95	3.36	4,696.73	.58	34,093.72	1.40	14,712.46	1.37	9,967.97
Hotel Dieu	Cornwall	41,238.65	3.90	81,492.75	2.65	6,602.30	1.09	13,017.38	1.23	25,592.30	.83	10,091.68
McKellar General	Fort William	111,578.92	3.68	115,196.36	3.28	....	......	29,795.28	.98	53,031.68	1.51	26,845.05
Hamilton General	Hamilton	160,220.00	4.63	554,982.00	2.78	24,720.00	.61	66,654.00	1.93	181,810.00	.91	66,695.00
St. Joseph's	Hamilton	122,717.08	4.39	81,272.06	2.68	9,175.72	.88	54,045.77	1.93	36,914.91	1.22	8,192.45
Kitchener-Waterloo	Kitchener	103,958.45	3.87	149,888.21	5.49	5,805.20	.74	50,766.14	1.89	22,150.22	.81	33,741.54
St. Mary's	Kitchener	81,806.84	4.41	50,583.57	2.85	4,435.90	.68	36,603.57	1.97	21,901.12	1.23	10,725.60
Niagara Falls General	Niagara Falls	88,885.00	4.15	80,870.75	3.26	....	......	32,658.85	1.52	36,608.76	1.48	21,408.51
St. Joseph's General	North Bay	39,857.10	4.73	62,941.70	2.83	3,631.05	.90	13,342.99	1.59	11,836.44	.53	8,679.40
Oshawa General	Oshawa	148,864.28	4.05	50,502.12	3.07	6,490.90	.75	86,893.69	2.36	33,468.29	2.04	24,298.95
Ottawa Civic	Ottawa	755,290.45	3.81	273,466.55	3.92	28,584.40	.93	236,044.06	1.19	79,125.55	1.13	94,819.52
Ottawa General	Ottawa	215,586.57	3.76	121,116.95	2.86	9,243.81	1.21	101,172.20	1.76	18,187.91	.43	46,255.96
General and Marine	Owen Sound	94,746.99	4.85	41,048.94	3.25	5,753.55	1.00	36,075.83	1.85	13,458.18	1.06	26,215.90
General	Pembroke	45,619.43	3.88	67,277.25	2.79	5,162.00	.95	18,562.70	1.58	18,816.47	.78	6,177.15
Peterborough Civic	Peterborough	88,498.90	4.36	57,854.45	3.16	5,952.60	.97	27,131.15	1.34	17,426.69	.95	12,423.28

General	Port Arthur	85,418.65	4.71	99,354.48	3.71	5,550.45	.99	28,688.11	1.58	32,098.49	1.20	10,323.06
St. Joseph's General	Port Arthur	105,678.07	4.41	132,249.47	3.34	6,077.10	1.08	33,280.70	1.39	33,581.37	.85	29,051.30
St. Catharines General	St. Catharines	108,289.50	5.77	90,867.85	2.75	11,548.90	1.03	53,904.83	2.87	54,001.60	1.64	37,125.39
Memorial	St. Thomas	117,086.25	4.76	53,444.21	3.30	6,088.60	.72	35,427.02	1.44	19,156.95	1.18	20,432.59
Sarnia General	Sarnia	138,336.64	4.61	25,244.55	3.24	6,300.15	1.44	69,448.80	2.32	4,159.61	.54	12,875.97
St. Joseph's	Sarnia	78,660.85	5.05	22,961.65	3.13	5,400.30	1.49	45,838.52	2.95	15,194.98	2.07	3,929.32
Stratford General	Stratford	60,438.08	3.87	51,107.18	2.49	4,786.10	.69	24,028.22	1.54	17,083.55	.83	29,718.11
St. Joseph's	Sudbury	97,970.04	3.97	88,024.70	2.78	7,302.35	.97	63,365.70	2.57	41,689.27	1.32	33,282.45
St. Mary's	Timmins	34,292.80	2.71	70,731.03	3.03	....	......	8,561.04	.68	15,629.90	.67	31,915.15
Welland County General	Welland	62,480.20	7.07	57,366.20	2.61	5,432.34	.83	24,441.07	2.77	37,585.00	1.71	9,403.51
Hotel Dieu	Windsor	166,030.20	4.79	101,756.80	2.93	15,121.84	.99	63,917.43	1.84	45,906.58	1.32	12,248.05
Metropolitan General	Windsor	104,720.87	7.81	54,163.75	2.18	5,090.90	1.00	51,688.57	3.86	26,212.35	1.05	31,464.23
Salvation Army Grace	Windsor	194,999.45	4.27	94,867.16	2.77	16,224.40	.92	101,651.16	2.23	25,798.49	.75	19,330.15
GROUP D												
Capacity, Under 100 Beds												
Stevenson Memorial	Alliston	14,263.07	4.55	11,184.60	2.74	1,268.25	.81	3,415.86	1.09	2,133.95	.52	1,039.00
Rosamond Memorial	Almonte	11,309.40	3.32	8,718.55	3.30	2,596.40	1.04	3,268.80	.96	2,224.70	.84	915.21
Arnprior Dist. and Mem.	Arnprior	16,085.54	4.39	10,940.35	2.80	991.20	.54	3,093.62	.84	2,145.89	.55	1,230.50
Royal Victoria	Barrie	34,186.65	3.60	35,195.65	2.86	3,856.75	.70	10,345.14	1.09	10,153.75	.82	10,352.40
St. Joseph's General	Blind River	11,605.00	4.09	25,356.40	2.60	2,009.20	1.58	1,771.89	.63	1,836.99	.19	1,474.00
Bowmanville	Bowmanville	15,302.15	4.49	11,765.25	3.82	....	......	3,743.15	1.09	1,987.95	.65	19.60
Peel Memorial	Brampton	27,462.15	3.88	16,416.48	3.12	4,849.25	1.25	8,269.22	1.17	6,456.75	1.23	1,977.37
St. Vincent de Paul	Brockville	58,739.04	3.86	21,589.05	2.95	2,277.00	.88	20,128.67	1.32	5,166.97	.71	7,346.80
Lady Minto	Chapleau	5,783.17	4.13	24,000.25	3.49	586.00	.71	1,181.40	.84	4,733.40	.69	....
Clinton Public	Clinton	11,011.00	3.35	9,614.90	2.98	1,443.80	.96	3,318.46	1.01	2,139.72	.66	987.21
Cobourg General	Cobourg	15,380.50	4.09	15,300.90	2.97	2,664.55	1.25	4,480.51	1.19	6,237.48	1.21	....
Lady Minto	Cochrane	13,071.90	4.27	31,102.10	2.84	74.00	.06	4,238.64	1.38	2,765.57	.25	....
General and Marine	Collingwood	30,534.38	3.37	21,424.23	2.67	1,657.30	.70	11,471.22	1.26	5,197.51	.65	8,797.10
Cornwall General	Cornwall	52,851.61	4.43	34,537.21	2.95	3,258.60	.94	16,036.06	1.34	9,695.47	.83	10,234.60
Haldimand War Memorial	Dunnville	13,403.95	4.07	10,676.40	3.90	1,708.00	1.04	4,523.50	1.37	2,599.33	.95	511.65
Durham Memorial	Durham	9,300.06	3.83	4,111.48	2.88	384.89	.50	876.91	.36	469.22	.33	394.10
Groves Memorial	Fergus	16,973.25	3.73	7,057.25	3.51	1,337.00	1.02	7,531.58	1.66	212.30	.11	1,922.65
Douglas Memorial	Fort Erie	25,880.55	5.09	18,837.70	2.98	2,113.60	.83	10,643.91	2.09	9,935.33	1.57	5,759.31
La Verendrye	Fort Frances	27,422.20	3.78	23,772.30	2.68	2,988.35	.99	11,413.42	1.58	8,736.73	.99	10,465.20
Galt	Galt	46,572.52	5.01	48,074.08	3.10	4,373.54	.96	13,102.83	1.41	23,723.47	1.53	6,296.75
Alexandra Marine and Gen.	Goderich	21,440.10	3.75	22,230.67	2.95	2,230.15	1.07	4,456.63	.80	2,620.92	.35	1,270.60
West Lincoln Memorial	Grimsby	18,456.00	4.62	231.45	2.92	962.00	.64	2,656.30	.66	1,114.55	14.10	....
Guelph General	Guelph	82,656.89	3.72	44,340.24	3.04	4,658.25	.91	20,395.63	.92	12,282.95	.84	17,080.50
St. Joseph's	Guelph	66,700.06	3.60	38,901.66	2.75	4,045.10	.92	28,555.74	1.54	12,565.39	.89	7,402.62
Misericordia	Haileybury	17,468.66	3.64	34,503.62	2.22	1,418.10	1.03	8,191.50	1.71	5,266.98	.34	3,578.85
Hanover Memorial	Hanover	7,377.30	3.70	7,149.24	4.31	....	......	3,070.90	1.54	951.24	.57	87.00
Notre Dame	Hawkesbury	6,460.25	4.28	15,594.50	2.88	1,446.75	1.10	2,395.95	1.59	4,632.90	.86	....
St. Paul's	Hearst	17,247.50	3.73	48,441.60	3.00	1,976.00	1.35	3,836.00	.83	9,362.72	.58	1,035.00
Alexandra	Ingersoll	18,236.75	4.05	19,700.00	3.08	2,095.00	1.01	4,073.70	.90	2,783.92	.44	1,678.02
Anson General	Iroquois Falls	8,586.94	8.01	18,723.17	2.66	379.95	.27	1,469.02	1.37	6,041.09	.86	2,997.46
Kenora General	Kenora	21,508.00	4.07	20,034.80	2.59	1,263.10	.83	4,227.67	.80	2,680.70	.35	2,277.20
St. Joseph's	Kenora	13,386.88	4.72	33,492.51	2.89	707.50	.44	3,226.20	1.15	4,251.20	.37	1,344.10
Kincardine General	Kincardine	16,830.96	3.58	10,198.60	3.66	1,005.10	.73	6,361.34	1.35	954.90	.34	731.75
The Ross Memorial	Lindsay	45,071.75	3.88	27,288.20	3.03	4,325.80	.89	4,916.65	.42	3,359.45	.37	8,121.73
Memorial	Listowel	13,525.88	3.66	16,605.51	3.15	1,243.80	.61	5,577.62	1.51	6,601.94	1.25	1,461.60
St. Joseph's	Little Current	3,778.55	4.20	9,849.79	3.01	521.75	.73	1,148.11	1.28	1,480.95	.46	1,052.78
Rosedale War Memorial	Matheson	1,557.90	3.46	4,087.40	2.70	342.50	.75	380.38	.85	1,126.30	.74	383.70
General	Mattawa	6,695.05	3.67	25,186.23	2.83	1,068.75	.93	2,442.00	1.34	1,770.01	.20	1,564.50
St. Andrew's	Midland	27,488.12	4.30	15,909.44	2.52	1,692.80	.81	10,320.85	1.61	2,298.90	.36	5,557.75
Louise Marshall	Mount Forest	7,149.00	3.92	2,808.40	3.11	1,032.55	.86	2,174.53	1.19	796.74	.88	276.50
York County	Newmarket	32,336.90	4.01	25,467.24	3.07	4,040.95	1.00	13,137.46	1.63	10,035.36	1.21	8,321.25
Niagara Cottage	Niagara-on-Lake	6,023.25	3.49	6,944.30	3.12	659.80	.91	1,376.49	.80	1,287.68	.58	....
Queen Victoria	North Bay	26,618.53	3.80	16,552.77	3.12	1,862.10	.89	8,693.02	1.24	2,556.77	.48	10,577.85
Lord Dufferin	Orangeville	23,123.00	4.12	13,885.23	2.79	1,482.20	.83	5,750.96	1.03	2,197.71	.44	1,330.82
Orillia Soldiers' Memorial	Orillia	50,604.84	4.49	36,672.17	2.27	4,121.00	.71	10,182.05	.90	10,954.35	.68	11,854.39
Salvation Army Grace	Ottawa	66,776.50	3.95	10,258.23	3.28	18,606.49	.99	25,009.96	1.48	2,004.89	.64	760.00

GENERAL HOSPITALS (Cont'd)

Table No. 4A—Analysis of operating revenue from all sources including Government Grant.

Name of Hospital	Location	MAINTENANCE REVENUE						EXTRA SERVICES				
		Private and Semi-private		Public		Nursery		Private and Semi-private		Public		Outpatient
		Total revenue	Average per diem	Total revenue	Average per diem	Total revenue	Average per diem	Total revenue	Average per diem	Total revenue	Average per diem	Total revenue
Group D (Cont'd)		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Palmerston General	Palmerston	11,705.25	3.86	8,453.20	3.13	662.00	.56	5,342.62	1.76	2,995.05	1.11	1,649.05
Willett	Paris	19,489.08	4.92	12,643.00	2.72	1,480.20	1.00	2,786.15	.71	3,062.25	.66	218.50
Parry Sound General	Parry Sound	13,193.15	3.88	20,057.70	2.65	....	....	2,209.92	.65	264.55	.35	294.91
St. Joseph's General	Parry Sound	15,869.55	3.95	20,837.10	2.82	1,322.33	.59	5,657.63	1.41	7,607.74	1.03	1,425.50
Pembroke Cottage	Pembroke	39,740.10	3.90	16,956.20	3.03	955.02	.62	19,471.97	1.91	7,175.44	1.28	7,298.27
General	Penetanguishene.	5,997.80	4.25	11,558.28	2.93	935.45	.83	1,580.60	1.12	1,906.26	.48	....
Great War Memorial	Perth	40,015.15	3.75	23,305.25	3.04	1,581.87	.56	10,367.92	.97	4,659.21	.61	1,426.55
St. Joseph's	Peterborough	45,256.75	3.67	47,900.85	2.77	4,565.75	.64	16,476.15	1.34	18,343.30	1.06	5,277.65
Charlotte E. Englehart	Petrolia	29,238.85	4.23	7,279.15	2.77	930.10	.50	12,040.41	1.74	1,788.98	.68	2,675.38
Prince Edward County	Picton	24,167.21	4.73	13,993.70	2.39	2,499.60	.80	7,033.90	1.38	2,562.45	.44	359.50
The Port Hope	Port Hope	15,702.32	4.29	16,770.79	3.04	1,273.40	.93	4,453.77	1.22	4,240.11	.77	6,126.95
Victoria	Renfrew	32,282.67	4.06	24,143.90	2.97	1,361.20	.44	9,260.51	1.16	3,553.99	.44	2,892.07
General	Sault Ste. Marie.	66,047.96	4.22	46,517.12	3.56	4,015.30	.93	27,498.49	1.75	9,808.99	.75	11,596.40
Plummer Memorial	Sault Ste. Marie.	39,053.50	3.84	23,505.75	3.46	3,019.90	1.00	12,246.12	1.21	6,526.95	.96	4,043.50
Scott Memorial	Seaforth	16,233.22	3.68	8,689.75	3.65	1,263.65	.89	3,588.28	.81	2,034.63	.85	258.05
Norfolk General	Simcoe	36,790.00	5.71	25,350.72	2.63	4,977.96	1.09	13,705.21	2.13	10,391.80	1.08	7,666.86
Sioux Lookout General	Sioux Lookout	11,546.25	3.83	16,630.00	2.89	973.00	1.01	3,173.10	1.05	6,052.68	1.05	2,265.77
Smiths Falls Public	Smiths Falls	30,917.10	3.52	20,975.55	3.92	1,035.00	.54	12,579.65	1.43	4,254.90	.80	2,535.50
St. Francis General	Smiths Falls	27,034.48	3.41	11,163.45	2.71	893.70	.89	10,266.80	1.29	2,220.57	.54	2,344.70
Porcupine General	South Porcupine.	21,433.35	6.25	12,772.00	2.45	2,343.10	1.05	3,850.60	1.12	4,589.80	.88	6,053.65
Strathroy General	Strathroy	31,969.48	4.15	14,435.08	3.15	639.50	.31	6,315.97	.82	453.60	.10	577.05
St. Jean de Brebeuf	Sturgeon Falls	7,617.30	4.72	37,312.92	3.07	1,709.00	.85	1,609.20	1.00	3,032.10	.25	2,013.36
Soldiers' Memorial	Tillsonburg	24,078.50	3.83	19,139.50	2.77	3,340.90	1.03	8,096.05	1.29	9,246.04	1.34	166.60
Lockwood Clinic	Toronto	....	....	....	....	Financial statements not submitted.			....	....	....	....
Mothercraft	Toronto	....	....	26,522.00	2.80	....	....	....	....	....	....	....
County of Bruce General	Walkerton	19,567.00	3.87	13,149.85	2.51	1,401.05	.79	7,929.35	1.57	3,232.08	.62	4,136.88
Wingham General	Wingham	14,027.00	4.01	12,619.50	2.94	1,580.10	.72	2,609.75	.75	3,738.43	.87	993.50
Woodstock General	Woodstock	63,353.89	4.19	33,889.95	2.87	5,438.70	1.06	20,632.57	1.36	12,192.24	1.03	14,742.10

GENERAL HOSPITALS (Cont'd)

Table No. 5—Basis on which statutory aid is granted.

Name of Hospital	Location	No. of Public Ward Beds for grant purposes	Potential Public Ward Bed days	Rate per Public Ward Bed per day	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
							Debit	Credit	
GROUP A Teaching Hospitals					$ c.	$ c.	$ c.	$ c.	$ c.
Toronto General	Toronto	760	277,400	1.00	277,400.00	9,534.45			286,934.45
St. Michael's	Toronto	374	136,510	1.00	136,510.00	923.25	1,052.70		136,380.55
Victoria	London	221	80,665	.62	50,012.30		1,008.20		49,004.10
Toronto Western	Toronto	298	108,770	1.00	108,770.00	56.25	894.85		107,931.40
Hospital for Sick Children	Toronto	407	148,555	1.00	148,555.00	2,508.75			151,063.75
Kingston General	Kingston	203	74,095	.55	40,752.25		7,808.25		32,944.00
St. Joseph's	London	62	22,630	.28	6,336.40			32.25	6,368.65
Hotel Dieu	Kingston	97	35,405	.91	32,218.55		46.30		32,172.25
TOTALS		2,422	884,030		800,554.50	13,022.70	10,810.30	32.25	802,799.15
GROUP B Hospitals in Teaching Centres									
Toronto East General	Toronto	128	46,720	.69	32,236.80	78.30	335.85		31,979.25
St. Joseph's	Toronto	207	75,555	.75	56,666.25		1,081.00		55,585.25
Women's College	Toronto	69	25,185	.51	12,844.35				12,844.35
Mount Sinai	Toronto	58	21,170	.75	15,877.50		82.50		15,795.00
Wellesley	Toronto	14	5,110	.20	1,022.00				1,022.00
Salvation Army Grace	Toronto	14	5,110	.35	1,788.50	55.65			1,844.15
TOTALS		490	178,850		120,435.40	133.95	1,499.35		119,070.00
TOTALS GROUPS A AND B		2,912	1,062,880		920,989.90	13,156.65	12,309.65	32.25	921,869.15
GROUP C Capacity, 100 Beds and Over		Days at 75c.	Days at 50c.	Infants days at 30c.					
Belleville General	Belleville	6,376	3,880	135	6,762.50				6,762.50
Brantford General	Brantford	10,902	6,514	1,134	11,773.70				11,773.70
Brockville General	Brockville	2,777	3,711	115	3,972.75			197.50	4,170.25
Public General	Chatham	2,360	2,281	18	2,915.90		193.00		2,722.90
St. Joseph's	Chatham	1,552	351	17	1,344.60		14.90		1,329.70
Hotel Dieu	Cornwall	12,666	1,891	1,241	10,817.30				10,817.30
McKellar General	Fort William	10,355	7,774	878	11,916.65	6,935.50			18,852.15
Hamilton General	Hamilton	50,743	27,087	2,526	52,358.55	69.00	287.10		52,140.45
St. Joseph's	Hamilton	3,749	1,399	194	3,569.45			38.25	3,607.70
Kitchener–Waterloo	Kitchener	2,802	6,403	65	5,322.50				5,322.50
St. Mary's	Kitchener	2,140	2,195	42	2,715.10				2,715.10
Niagara Falls General	Niagara Falls	2,095	3,988	45	3,578.75			130.05	3,708.80
St. Joseph's General	North Bay	6,171	2,758	575	6,179.75	6,909.00			13,088.75
Oshawa General	Oshawa	2,292	582	49	2,024.70		648.30		1,376.40
Ottawa Civic	Ottawa	48,391	10,896	3,029	42,649.95	463.75	2,822.15		40,291.55
Ottawa General	Ottawa	27,783	3,209	622	22,628.35	27.00	501.65		22,153.70
General and Marine	Owen Sound	2,269	464	92	1,961.35		71.70		1,889.65
General	Pembroke	7,207	2,956	1,172	7,234.85	168.00	42.95		7,359.90
Peterborough Civic	Peterborough	1,755	2,045		2,338.75				2,338.75
General	Port Arthur	6,702	3,401	473	6,868.90	844.75		4.50	7,718.15
St. Joseph's General	Port Arthur	7,551	6,876	389	9,217.95	2,550.60		57.00	11,825.55
St. Catharines General	St. Catharines	3,965	421	53	3,200.15	192.25	175.65		3,216.75
Memorial	St. Thomas	2,633	1,932	85	2,966.25				2,966.25
Sarnia General	Sarnia	2,363	1,810	3	2,678.15			31.00	2,709.15
St. Joseph's	Sarnia	663	9	6	503.55				503.55
Stratford General	Stratford	1,532	3,405	58	2,868.90			253.40	3,122.30
St. Joseph's	Sudbury	7,532	996	213	6,210.90	7,039.45			13,250.35
St. Mary's	Timmins	1,977	629	32	1,806.85	615.35			2,422.20
Welland County General	Welland	1,236	708	11	1,284.30	13.50	39.75		1,258.05
Hotel Dieu	Windsor	4,995	1,408	67	4,470.35		153.00		4,317.35
Metropolitan General	Windsor	4,910	1,212	71	4,309.80		70.50		4,239.30
Salvation Army Grace	Windsor	3,559	658	459	3,135.95		190.05		2,945.90
TOTALS		254,003	113,849	13,869	251,587.45	25,828.15	5,210.70	711.70	272,916.60
GROUP D Capacity, Under 100 Beds									
Stevenson Memorial	Alliston	743	771	38	954.15			13.95	968.10
Rosamond Memorial	Almonte	992	74	180	835.00		55.50		779.50
Arnprior Dist. and Mem.	Arnprior	625	644	9	793.45			27.00	820.45
Royal Victoria	Barrie	1,899	1,327	323	2,184.65				2,184.65
St. Joseph's General	Blind River	157	1,684	9	962.45	11,851.52			12,813.97
Bowmanville	Bowmanville	477	850	47	796.85				796.85
Peel Memorial	Brampton	379	8	19	293.95				293.95
St. Vincent de Paul	Brockville	727	1,178	9	1,136.95			97.25	1,234.20

GENERAL HOSPITALS (Cont'd)

Table No. 5—Basis on which statutory aid is granted.

Name of Hospital	Location	Days at 75c.	Days at 50c.	Infants days at 30c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
							Debit	Credit	
Group D (Cont'd)					$ c.	$ c.	$ c.	$ c.	$ c.
Lady Minto	Chapleau	53			39.75	1,435.45			1,475.20
Clinton Public	Clinton	370	346	23	457.40			19.50	476.90
Cobourg General	Cobourg	572	852	26	862.80				862.80
Lady Minto	Cochrane	575	1,144	56	1,020.05	12,514.90		204.50	13,739.45
General and Marine	Collingwood	1,641	1,365	54	1,929.45		106.05		1,823.40
Cornwall General	Cornwall	2,350	1,747	163	2,684.90				2,684.90
Haldimand War Memorial	Dunnville	323			242.25		3.00		239.25
Durham Memorial	Durham	146	620		419.50				419.50
Groves Memorial	Fergus	484	1,102		914.00				914.00
Douglas Memorial	Fort Erie	346	529	1	524.30				524.30
La Verendrye	Fort Frances	873	279	62	812.85	352.50			1,165.35
Galt	Galt	1,447	1,482	88	1,852.65		1,039.00		813.65
Alexandra Marine and Gen.	Goderich	1,102	2,042	33	1,857.40		9.75		1,847.65
West Lincoln Memorial	Grimsby	79		1	59.55				59.55
Guelph General	Guelph	2,212	4,169	30	3,752.50				3,752.50
St. Joseph's	Guelph	2,398	996	30	2,305.50				2,305.50
Misericordia	Haileybury	576	5.550	6	3,208.80	11,130.60			14,339.40
Hanover Memorial	Hanover	120	608		394.00		22.50		371.50
Notre Dame	Hawkesbury	2,100		110	1,608.00			9.75	1,617.75
St. Paul's	Hearst	421	49	10	343.25	17,250.60	225.00		17,368.85
Alexandra	Ingersoll	628	1,614	26	1,285.80				1,285.80
Anson General	Iroquois Falls	322			241.50	104.40			345.90
Kenora General	Kenora	1,787	1,599	297	2,228.85	3,878.15			6,107.00
St. Joseph's	Kenora	1,907	3,634	281	3,331.55	2,583.75			5,915.30
Kincardine General	Kincardine	1,183	899	25	1,344.25				1,344.25
The Ross Memorial	Lindsay	1,890	501	100	1,698.00				1,698.00
Memorial	Listowel	581	3	79	460.95				460.95
St. Joseph's	Little Current	288	39	28	243.90	3,649.40			3,893.30
Rosedale War Memorial	Matheson	217	95	8	212.65	27.30			239.95
General	Mattawa	3,087	2,000	498	3,464.65	5,580.45		83.50	9,128.60
St. Andrew's	Midland	734	1,765	7	1,435.10	156.00		1,545.50	3,136.60
Louise Marshall	Mount Forest	79	41	68	100.15		6.75		93.40
York County	Newmarket	1,254	816	85	1,374.00				1,374.00
Niagara Cottage	Niagara-on-Lake	552	236		532.00		3.75		528.25
Queen Victoria	North Bay	547	1,980	26	1,408.05	55.80			1,463.85
Lord Dufferin	Orangeville	379	2,316	22	1,448.85		58.65		1,390.20
Orillia Solders' Memorial	Orillia	5,511	1,298	827	5,030.35				5,030.35
Salvation Army Grace	Ottawa	1,433	7	1,076	1,401.05		79.20		1,321.85
Palmerston General	Palmerston	414	76	14	352.70			56.50	409.20
Willett	Paris	512	1,087	23	934.40				934.40
Parry Sound General	Parry Sound	2,038	1,793	338	2,526.40	18.00	20.36		2,524.04
St. Joseph's General	Parry Sound	1,253	129	81	1,028.55	2,312.85	21.75		3,319.65
Pembroke Cottage	Pembroke	1,231	950	58	1,415.65		73.20		1,342.45
General	Penetanguishene.	1,335	1,042	329	1,620.95	140.80	140.75		1,621.00
Great War Memorial	Perth	808	2,381	16	1,801.30		210.15		1,591.15
St. Joseph's	Peterborough	2,130	1,474	1,017	2,639.60				2,639.60
Charlotte E. Englehart	Petrolia	679	152	34	595.45		40.50		554.95
Prince Edward County	Picton	1,523	445	100	1,412.75				1,412.75
The Port Hope	Port Hope	360	1,957	14	1,252.70				1,252.70
Victoria	Renfrew	1,039	2,645	59	2,119.45				2,119.45
General	Sault Ste. Marie.	2,510	956	65	2,380.00	2,279.55			4,659.55
Plummer Memorial	Sault Ste. Marie.	887	861	7	1,097.85	501.00			1,598.85
Scott Memorial	Seaforth	442	660	6	663.30				663.30
Norfolk General	Simcoe	1,322	1,341	37	1,673.10		5.25		1,667.85
Sioux Lookout General	Sioux Lookout	74			55.50	1,091.00			1,146.50
Smiths Falls Public	Smiths Falls	463	3,129		1,911.75		6.45		1,905.30
St. Francis General	Smiths Falls	495	1,665		1,203.75		30.00		1,173.75
Porcupine General	South Porcupine.	93	324		231.75	110.10			341.85
Strathroy General	Strathroy	1,401	2,423	8	2,264.65		113.75		2,150.90
St. Jean de Brebeuf	Sturgeon Falls	5,532	966	454	4,768.20	7,322.15	80.00		12 010.35
Soldiers' Memorial	Tillsonburg	943	95	11	758.05				758.05
Lockwood Clinic	Toronto	7			5.25				5.25
Mothercraft	Toronto	1,149	3,967		2,845.25				2,845.25
County of Bruce General	Walkerton	1,362	698	10	1,373.50				1,373.50
Wingham General	Wingham	102	20		86.50				86.50
Woodstock General	Woodstock	1,689	2,190	19	2,367.45				2,367.45
TOTALS		78,359	81,685	7.540	101,873.75	84,346.27	2,351.31	2,057.45	185,926.16
GRAND TOTALS:									
Public General Hospitals—									
Groups A and B.					920,989.90	13,156.65	12,309.65	32.25	921,869.15
Groups C and D.		332,362	195,534	21,409	353,461.20	110,174.42	7,562.01	2,769.15	458,842.76
Red Cross Outposts		8,131	3,013	2,046	8,218.55	10,927.85	677.71	74.00	18,542.69
GRAND TOTALS Incl. Red Cross		340,493	198,547	23,455	1,282,669.65	134,258.92	20,549.37	2,875.40	1,399,254.60

GENERAL HOSPITALS (Cont'd)

Table No. 6—Basis on which statutory aid is granted for indigents from unorganized territory.

Name of Hospital	Location	No. of patients	Days at $3.00	Days at $2.75	Days at $2.25	Days at $2.00, incurable patients	Amount	No. of infants	Days at 90c.	Days at 60c.	Amount	Total for indigents
GROUP A Teaching Hospitals							$ c.				$ c.	$ c.
Toronto General	Toronto	115	69	6	4,135		9,527.25	1		12	7.20	9,534.45
St. Michael's	Toronto	13	7		401		923.25					923.25
Victoria	London											
Toronto Western	Toronto	1			25		56.25					56.25
Hospital for Sick Children	Toronto	28	54		1,043		2,508.75					2,508.75
Kingston General	Kingston											
St. Joseph's	London											
Hotel Dieu	Kingston											
TOTALS		157	130	6	5,604		13,015.50	1		12	7.20	13,022.70
GROUP B Hospitals in Teaching Centres												
Toronto East General	Toronto	3			30		67.50	2		18	10.80	78.30
St. Joseph's	Toronto											
Women's College	Toronto											
Mount Sinai	Toronto											
Wellesley	Toronto											
Salvation Army Grace	Toronto	1			21		47.25	1		14	8.40	55.65
TOTALS		4			51		114.75	3		32	19.20	133.95
GROUP C Capacity, 100 Beds and Over												
Belleville General	Belleville											
Brantford General	Brantford											
Brockville General	Brockville											
Public General	Chatham											
St. Joseph's	Chatham											
Hotel Dieu	Cornwall											
McKellar General	Fort William	49	741	368		1,821	6,877.00	7	65		58.50	6,935.50
Hamilton General	Hamilton	2	23				69.00					69.00
St. Joseph's	Hamilton											
Kitchener-Waterloo	Kitchener											
St. Mary's	Kitchener											
Niagara Falls General	Niagara Falls											
St. Joseph's General	North Bay	54	900	1,524			6,891.00	3	20		18.00	6,909.00
Oshawa General	Oshawa											
Ottawa Civic	Ottawa	5	150	5			463.75					463.75
Ottawa General	Ottawa	1	9				27.00					27.00
General and Marine	Owen Sound											
General	Pembroke	4	56				168.00					168.00
Peterborough Civic	Peterborough											
General	Port Arthur	15	219	65			835.75	1	10		9.00	844.75
St. Joseph's General	Port Arthur	41	831	18			2,542.50	1	9		8.10	2,550.60
St. Catharines General	St. Catharines	2	54	11			192.25					192.25

GENERAL HOSPITALS (Cont'd)

Table No. 6—Basis on which statutory aid is granted for indigents from unorganized territory.

Name of Hospital	Location	No. of patients	Days at $3.00	Days at $2.75	Days at $2.25	Days at $2.00, incurable patients	Amount	No. of infants	Days at 90c.	Days at 60c.	Amount	Total for indigents
Group D (Cont'd)							$ c.				$ c.	$ c.
Memorial	St. Thomas											
Sarnia General	Sarnia											
St. Joseph's	Sarnia											
Stratford General	Stratford											
St. Joseph's	Sudbury	110	2,152	203			7,014.25	4	28		25.20	7,039.45
St. Mary's	Timmins	14	182	19			598.25	2	19		17.10	615.35
Welland County General	Welland	1		2		4	13.50					13.50
Hotel Dieu	Windsor											
Metropolitan General	Windsor											
Salvation Army Grace	Windsor											
TOTALS		298	5,317	2,215		1,825	25,692.25	18	151		135.90	25,828.15
GROUP D Capacity, Under 100 Beds												
Stevenson Memorial	Alliston											
Rosamond Memorial	Almonte											
Arnprior Dist. and Memorial	Arnprior											
Royal Victoria	Barrie											
St. Joseph's General	Blind River	59	993	3,211			11,809.25	6	47		42.30	11,851.52
Bowmanville	Bowmanville											
Peel Memorial	Brampton											
St. Vincent de Paul	Brockville											
Lady Minto	Chapleau	29	463	11			1,419.25	3	18		16.20	1,435.45
Clinton Public	Clinton											
Cobourg General	Cobourg											
Lady Minto	Cochrane	84	1,118	3,308			12,451.00	7	71		63.90	12,514.90
General and Marine	Collingwood											
Cornwall General	Cornwall											
Haldimand War Memorial	Dunnville											
Durham Memorial	Durham											
Groves Memorial	Fergus											
Douglas Memorial	Fort Erie											
La Verendrye	Fort Frances	9	116				348.00	1	5		4.50	352.50
Galt	Galt											
Alexandra Marine and Gen.	Goderich											
West Lincoln Memorial	Grimsby											
Guelph General	Guelph											
St. Joseph's	Guelph											
Misericordia	Haileybury	99	636	18		4,551	11,059.50	13	79		71.10	11,130.60
Hanover Memorial	Hanover											
Notre Dame	Hawkesbury											
St. Paul's	Hearst	265	4,553	1,164			16,860.00	21	184		165.60	17,025.60
Alexandra	Ingersoll											
Anson General	Iroquois Falls	4	30				90.00	2	16		14.40	104.40
Kenora General	Kenora	19	366	1,011			3,878.25					3,878.15
St. Joseph's	Kenora	12	94	837			2,583.75					2,583.75

Kincardine General	Kincardine	....	....	....	....	....	....	....	....	....	....	....
The Ross Memorial	Lindsay	....	....	....	....	....	....	....	....	....	....	....
Memorial	Listowel	....	....	....	....	....	....	....	....	....	....	....
St. Joseph's	Little Current	14	537	736	....	....	3,635.00	1	16	....	14.40	3,649.40
Rosedale War Memorial	Matheson	1	7	....	....	....	21.00	1	7	....	6.30	27.30
General	Mattawa	15	70	1,947	....	....	5,564.25	1	18	....	16.20	5,580.45
St. Andrew's	Midland	2	52	....	....	....	156.00	....	....	....	....	156.00
Louise Marshall	Mount Forest	....	....	....	....	....	....	....	....	....	....	....
York County	Newmarket	....	....	....	....	....	....	....	....	....	....	....
Niagara Cottage	Niagara-on-the-Lake	....	....	....	....	....	....	....	....	....	....	....
Queen Victoria	North Bay	1	15	....	....	....	45.00	1	12	....	10.80	55.80
Lord Dufferin	Orangeville	....	....	....	....	....	....	....	....	....	....	....
Orillia Soldiers' Memorial	Orillia	....	....	....	....	....	....	....	....	....	....	....
Salvation Army Grace	Ottawa	....	....	....	....	....	....	....	....	....	....	....
Palmerston General	Palmerston	....	....	....	....	....	....	....	....	....	....	....
Willett	Paris	....	....	....	....	....	....	....	....	....	....	....
Parry Sound General	Parry Sound	1	6	....	....	....	18.00	....	....	....	....	18.00
St. Joseph's General	Parry Sound	16	394	405	....	....	2,295.75	2	19	....	17.10	2,312.85
Pembroke Cottage	Pembroke	....	....	....	....	....	....	....	....	....	....	....
General	Penetanguishene	1	46	1	....	....	140.75	....	....	....	....	140.80
Great War Memorial	Perth	....	....	....	....	....	....	....	....	....	....	....
St. Joseph's	Peterborough	....	....	....	....	....	....	....	....	....	....	....
Charlotte E. Englebart	Petrolia	....	....	....	....	....	....	....	....	....	....	....
Prince Edward County	Picton	....	....	....	....	....	....	....	....	....	....	....
The Port Hope	Port Hope	....	....	....	....	....	....	....	....	....	....	....
Victoria	Renfrew	....	....	....	....	....	....	....	....	....	....	....
General	Sault Ste. Marie	23	330	465	....	....	2,268.75	2	12	....	10.80	2,279.55
Plummer Memorial	Sault Ste. Marie	9	167	....	....	....	501.00	....	....	....	....	501.00
Scott Memorial	Seaforth	....	....	....	....	....	....	....	....	....	....	....
Norfolk General	Simcoe	....	....	....	....	....	....	....	....	....	....	....
Sioux Lookout General	Sioux Lookout	22	349	16	....	....	1,091.00	....	....	....	....	1,091.00
Smiths Falls Public	Smiths Falls	....	....	....	....	....	....	....	....	....	....	....
St. Francis General	Smiths Falls	....	....	....	....	....	....	....	....	....	....	....
Porcupine General	South Porcupine	5	34	....	....	....	102.00	1	9	....	8.10	110.10
Strathroy General	Strathroy	....	....	....	....	....	....	....	....	....	....	....
St. Jean de Brebeuf	Sturgeon Falls	155	2,143	205	....	....	6,992.75	38	366	....	329.40	7,322.15
Soldiers' Memorial	Tillsonburg	....	....	....	....	....	....	....	....	....	....	....
Lockwood Clinic	Toronto	....	....	....	....	....	....	....	....	....	....	....
Mothercraft	Toronto	....	....	....	....	....	....	....	....	....	....	....
County of Bruce General	Walkerton	....	....	....	....	....	....	....	....	....	....	....
Wingham General	Wingham	....	....	....	....	....	....	....	....	....	....	....
Woodstock General	Woodstock	....	....	....	....	....	....	....	....	....	....	....
TOTALS		845	12,519	13,335	....	4,551	83,330.25	100	879	....	791.10	84,121.27
GRAND TOTALS:												
Public General Hospitals		**1,304**	**17,966**	**15,556**	**5,655**	**6,376**	**122,152.75**	**122**	**1,030**	**44**	**953.40**	**123,106.07**
Red Cross Outposts		**160**	**2,550**	**1,153**	....	....	**10,820.75**	**15**	**119**	....	**107.10**	**10,927.85**
GRAND TOTALS incl. Red Cross		**1,464**	**20.516**	**16,709**	**5,655**	**6,376**	**132,973.50**	**137**	**1,149**	**44**	**1,060.50**	**134,033.92**

NOTE.—Small differences are due to odd amounts paid on account by patients.

RED CROSS OUTPOST HOSPITALS

Table No. 1—Bed capacity and movement of patients.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1, 1946	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1946	Still-births during year
		Adults and children	Nursery								
Red Cross Outpost	Apsley	5	2		20	10	30	30			3
Red Cross Outpost	Atikokan	3	1		45	15	60	57	2	1	
Red Cross Outpost	Bancroft	10	3	6	468	135	609	580	14	15	1
Red Cross Outpost	Beardmore	7	3	2	286	32	320	313	3	4	2
Red Cross Outpost	Bracebridge	29	8	20	1,155	215	1,390	1,310	50	30	5
Red Cross Outpost	Dryden	35	6	31	981	172	1,184	1,133	22	29	3
Red Cross Outpost	Emo	17	4	10	477	76	563	538	11	14	2
Red Cross Outpost	Englehart	13	5	11	415	78	504	480	11	13	1
Red Cross Outpost	Espanola	17	3	13	523	124	660	631	15	14	3
Red Cross Outpost	Haliburton	9	6	5	267	132	404	395	5	4	4
Red Cross Outpost	Hawk Junction	9	2		109	16	125	122		3	1
Red Cross Outpost	Hornepayne	6	2	6	226	29	261	256	4	1	1
Kirkland Dist. Hosp.	Kirkland Lake	102	39	79	4,086	709	4,874	4,687	102	85	15
Red Cross Outpost	Lion's Head	5	4		49	39	88	88			
Red Cross Outpost	Mindemoya	16	3	10	352	56	418	400	12	6	1
Red Cross Outpost	Nakina	7	2	3	124	17	144	138	5	1	
Lady Minto Hospital	New Liskeard	24	5	7	542	102	651	605	30	16	7
Red Cross Outpost	Port Loring	5	3	5	85	25	115	111	4		
Red Cross Outpost	Rainy River	9	5	5	213	79	297	281	9	7	3
Red Cross Outpost*	Red Lake	16	4		80	6	86	82		4	
Red Cross Outpost	Richard's Landing	10	3	6	202	41	249	237	8	4	
Red Cross Outpost	Thessalon	14	4	8	490	63	561	526	16	19	
Red Cross Outpost	Whitney	4	3		7	1	8	8			
Red Cross Outpost	Wilberforce	2	1		2		2	2			
Red Cross Car		4	1	2	58	3	63	62	1		
TOTALS		378	122	229	11,262	2,175	13,666	13,072	324	270	52

*Opened October 28, 1946.

Table No. 2—Collective stay in days of patients admitted and infants born; also number of professional and other staff.

Name of Hospital	Location	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number of patients in hospital daily	Percentage of adult beds occupied during year	Number of Nursing Staff		Number of all other employees
							Graduate nurses	Non-Grads. incl. nurses-in-training	
Red Cross Outpost	Apsley	117	78	195		6.4	1		2
Red Cross Outpost	Atikokan	202	116	318	1	18.4	1		1
Red Cross Outpost	Bancroft	2,614	1,158	3,772	10	71.6	4		3
Red Cross Outpost	Beardmore	1,253	257	1,510	4	49.0	3		1
Red Cross Outpost	Bracebridge	8,137	2,031	10,168	28	76.9	9		7
Red Cross Outpost	Dryden	8,597	1,491	10,088	28	67.3	5		7
Red Cross Outpost	Emo	3,771	643	4,414	12	60.8	5		4
Red Cross Outpost	Englehart	3,811	742	4,553	12	80.3	7		5
Red Cross Outpost	Espanola	3,848	1,098	4,946	14	62.0	4		5
Red Cross Outpost	Haliburton	1,475	942	2,417	7	44.9	3		2
Red Cross Outpost	Hawk Junction	601	132	733	2	18.3	2		1
Red Cross Outpost	Hornepayne	1,208	248	1,456	4	55.2	2		1
Kirkland District Hospital	Kirkland Lake	31,235	6,162	37,397	102	83.9	39		46
Red Cross Outpost	Lion's Head	369	376	745	2	20.2	1		1
Red Cross Outpost	Mindemoya	2,333	556	2,889	8	39.9	5		3
Red Cross Outpost	Nakina	1,386	136	1,522	4	54.2	1		1
Lady Minto Hospital	New Liskeard	4,916	940	5,856	16	56.1	8		5
Red Cross Outpost	Port Loring	666	186	852	2	36.5	1		1
Red Cross Outpost	Rainy River	1,734	672	2,406	7	52.1	3		2
Red Cross Outpost*	Red Lake	507	38	545	1	8.7	4		4
Red Cross Outpost	Richard's Landing	1,810	329	2,139	6	49.6	2		2
Red Cross Outpost	Thessalon	3,715	403	4,118	11	72.7	4		3
Red Cross Outpost	Whitney	18	5	23		1.2	1		2
Red Cross Outpost	Wilberforce	13		13		1.8	1		1
Red Cross Car		361	10	371	1	24.7	1		1
TOTALS		84,697	18,749	103,446	282	63.7	117		111

*Opened October 28, 1946.

RED CROSS OUTPOST HOSPITALS (Cont'd)

Table No. 3—Cost of operating hospitals.

Name of Hospital	Location	Salaries and Wages		Cost of dietary services	House-keeping and maintenance costs, including light, heat, power and water	Cost of laundry, bedding and linen	Cost of drugs, medical, surgical and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges
		Nurses, R.N., and Sisters, R.N.	Other Employees					Buildings	Equipment		
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	1,685.35	540.00	887.67	350.61	38.40	271.77	92.72	153.24	911.43	4,931.19
Red Cross Outpost	Atikokan	1,615.00	484.00	595.98	185.60	25.67	388.59	103.65	135.31	449.68	3,983.48
Red Cross Outpost	Bancroft	5,352.83	1,785.76	2,606.49	846.93	189.00	1,285.32	216.36	311.85	913.01	13,507.55
Red Cross Outpost	Beardmore	3,343.70	747.70	1,437.18	710.21	137.58	987.72		329.54	934.87	8,628.50
Red Cross Outpost	Bracebridge	16,245.14	8,153.11	6,535.59	4,474.36	690.19	3,590.16	918.02	2,410.76	2,512.60	45,529.93
Red Cross Outpost	Dryden	11,037.19	5,317.73	6,435.63	1,643.78	169.07	2,505.44	445.22	1,100.35	1,369.70	30,024.11
Red Cross Outpost	Emo	8,197.23	2,332.36	2,610.08	1,931.25	192.91	2,111.20	404.10	334.78	1,007.95	19,121.86
Red Cross Outpost	Englehart	9,433.60	2,135.58	2,508.15	2,047.78	551.03	2,498.60	310.61	809.77	1,141.47	21,439.59
Red Cross Outpost	Espanola	5,709.22	3,675.66	3,172.76	1,558.58	412.18	2,097.98			2,658.03	19,284.41
Red Cross Outpost	Haliburton	4,069.15	1,346.40	1,513.80	1,089.95	118.14	848.56	135.29	445.08	943.38	10,509.75
Red Cross Outpost	Hawk Junction	1,974.86	535.93	649.58	548.10	100.54	612.23	220.49	544.76	104.04	5,590.53
Red Cross Outpost	Hornepayne	3,430.67	822.80	1,707.01	667.74	144.62	640.32		689.25	1,070.16	9,172.57
Kirkland District Hospital	Kirkland Lake	57,111.01	40,409.45	25,612.36	19,022.57	1,320.75	21,314.94			22,071.55	186,862.63
Red Cross Outpost	Lion's Head	2,116.03	501.30	1,135.84	1,212.72	99.02	754.91	60.60	208.58	571.27	6,660.27
Red Cross Outpost	Mindemoya	7,233.79	1,905.12	2,206.55	1,574.60	171.26	1,434.55			1,632.19	16,158.06
Red Cross Outpost	Nakina	1,751.34	603.25	1,223.13	1,384.96	288.92	565.89	370.63		194.10	6,682.22
Lady Minto Hospital	New Liskeard	12,793.84	2,686.84	4,093.84	2,235.43	468.16	2,263.32	413.46	1,248.48	1,976.95	28,180.32
Red Cross Outpost	Port Loring	2,211.20	760.02	744.81	394.27	28.21	209.92	65.35	159.23	606.56	5,179.57
Red Cross Outpost	Rainy River	4,415.67	1,004.05	1,359.15	1,161.64	279.36	518.31	50.00	210.71	1,033.13	10,032.02
Red Cross Outpost	Red Lake	1,035.08	297.90	647.92	312.84	78.38	736.64			300.62	3,409.38
Red Cross Outpost	Richard's Landing	3,930.68	1,120.12	1,710.15	1,214.62	196.21	781.39		611.07	1,065.90	10,930.14
Red Cross Outpost	Thessalon	5,699.10	2,039.39	1,970.70	1,196.07	313.09	1,769.54	174.73	302.86	904.80	14,670.28
Red Cross Outpost	Whitney	1,904.33	554.25	124.22	526.85	13.90	231.83	15.51	226.05	695.47	4,592.41
Red Cross Outpost	Wilberforce	1,443.72	293.30	206.90	168.85	2.00	65.21			323.61	2,503.59
Red Cross Car		1,331.37	465.33	533.58	421.51	268.19	300.15		18.09	426.75	3,764.97
TOTALS		175,071.10	80,817.35	72,529.07	46,881.82	6,296.78	48,784.49	4,296.74	10,249.76	46,422.22	491 349.33

RED CROSS OUTPOST HOSPITALS (Cont'd)

Table No. 3A—Average daily cost of each patient.

Name of Hospital	Location	PATIENT DAYS			Percentage of service devoted to hospital	Average daily per capita cost for hospital service
		Adult	Nursery	Total patient days all patients		
						$ c.
Red Cross Outpost	Apsley	117	78	195	26.3	6.32
Red Cross Outpost	Atikokan	202	116	318	67.0	7.89
Red Cross Outpost	Bancroft	2,614	1,158	3,772	100.0	3.44
Red Cross Outpost	Beardmore	1,253	257	1,510	100.0	5.50
Red Cross Outpost	Bracebridge	8,137	2,031	10,168	100.0	4.15
Red Cross Outpost	Dryden	8,597	1,491	10,088	91.6	2.58
Red Cross Outpost	Emo	3,771	643	4,414	100.0	4.16
Red Cross Outpost	Englehart	3,811	742	4,553	100.0	4.46
Red Cross Outpost	Espanola	3,848	1,098	4,946	100.0	3.90
Red Cross Outpost	Haliburton	1,475	942	2,417	93.5	3.84
Red Cross Outpost	Hawk Junction	601	132	733	98.1	6.45
Red Cross Outpost	Hornepayne	1,208	248	1,456	98.3	5.73
Kirkland District Hospital	Kirkland Lake	31,235	6,162	37,397	100.0	5.00
Red Cross Outpost	Lion's Head	369	376	745	44.8	3.84
Red Cross Outpost	Mindemoya	2,333	556	2,889	46.7	2.61
Red Cross Outpost	Nakina	1,386	136	1,522	100.0	4.15
Lady Minto Hospital	New Liskeard	4,916	940	5,856	100.0	4.53
Red Cross Outpost	Port Loring	666	186	852	73.4	4.27
Red Cross Outpost	Rainy River	1,734	672	2,406	100.0	4.06
Red Cross Outpost	Red Lake	507	38	545	100.0	6.26
Red Cross Outpost	Richard's Landing	1,810	329	2,139	100.0	4.82
Red Cross Outpost	Thessalon	3,715	403	4,118	100.0	3.37
Red Cross Outpost	Whitney	18	5	23	06.1	11.54
Red Cross Outpost	Wilberforce	13		13	10.3	19.83
Red Cross Car		361	10	371	65.1	6.57
TOTALS		84,697	18,749	103,446		

Table No. 4—Sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from miscellaneous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	919.35	348.71	247.54	1,515.60
Red Cross Outpost	Atikokan	1,038.15	159.00	6.27	1,203.42
Red Cross Outpost	Bancroft	9,503.00	922.93	171.72	10,597.65
Red Cross Outpost	Beardmore	5,584.03	159.05	371.05	6,114.13
Red Cross Outpost	Bracebridge	40,301.49	2,486.78	1,461.68	14,249.95
Red Cross Outpost	Dryden	26,296.24	342.75	7.25	26,646.24
Red Cross Outpost	Emo	13,080.45	292.50		13,372.95
Red Cross Outpost	Englehart	14,305.05	255.95	252.37	14,813.37
Red Cross Outpost	Espanola	16,609.71	620.13	996.34	18,226.18
Red Cross Outpost	Haliburton	7,041.25	997.54	1,086.27	9,125.06
Red Cross Outpost	Hawk Junction	2,691.85	109.69	88.31	2,889.85
Red Cross Outpost	Hornepayne	6,228.45	1,526.39	5.34	7,760.18
Kirkland District Hospital	Kirkland Lake	167,067.89	9,091.23	316.63	176,475.75
Red Cross Outpost	Lion's Head	2,049.95	1,188.30	582.83	3,821.08
Red Cross Outpost	Mindemoya	8,649.13	1,262.62	1,579.15	14,490.90
Red Cross Outpost	Nakina	4,765.04	711.09	4,065.05	9,541.18
Lady Minto Hospital	New Liskeard	20,612.50	1,140.25	1,163.42	23,216.17
Red Cross Outpost	Port Loring	2,281.60	306.15	125.28	2,713.03
Red Cross Outpost	Rainy River	5,741.95	651.64	70.20	6,463.79
Red Cross Outpost	Red Lake	2,440.40			2,440.40
Red Cross Outpost	Richard's Landing	5,893.43	1,385.51	187.62	7,466.56
Red Cross Outpost	Thessalon	13,640.74	124.20	881.00	14,645.94
Red Cross Outpost	Whitney	941.52	521.41	778.00	2,240.93
Red Cross Outpost	Wilberforce	197.70	125.50	6.27	329.47
Red Cross Car		1,304.25			1,304.25
TOTAL		379,185.12	25,029.32	17,449.59	421,664.03

RED CROSS OUTPOST HOSPITALS (Cont'd)

Table No. 5—Basis on which statutory aid is granted.

Name of Hospital	Location	Days at 75c.	Days at 50c.	Infant days at 30c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
							Debit	Credit	
					$ c.	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	30		22	29.10				29.10
Red Cross Outpost	Atikokan								
Red Cross Outpost	Bancroft	809		458	744.15		11.25		732.90
Red Cross Outpost	Beardmore					49.20			49.20
Red Cross Outpost	Bracebridge	483	96	105	441.75		6.00		435.75
Red Cross Outpost	Dryden	676	1,076	140	1,087.00	4,126.45	547.11		4,666.34
Red Cross Outpost	Emo	709	263	90	690.25	87.00	33.15		744.10
Red Cross Outpost	Englehart	147	87	31	163.05	717.10	49.25		830.90
Red Cross Outpost	Espanola	746		244	632.70	964.60	5.25		1,592.05
Red Cross Outpost	Haliburton	60		31	54.30			15.00	69.30
Red Cross Outpost	Hawk Junction	51		40	50.25				50.25
Red Cross Outpost	Hornepayne								
Kirkland District Hospital	Kirkland Lake	2,363	803	131	2,213.05	3,556.00			5,769.05
Red Cross Outpost	Lion's Head	133		142	142.35				142.35
Red Cross Outpost	Mindemoya	377		234	352.95	39.00		59.00	450.95
Red Cross Outpost	Nakina								
Lady Minto Hospital	New Liskeard	245	319		343.25	1,028.50			1,371.75
Red Cross Outpost	Port Loring	217		70	183.75				183.75
Red Cross Outpost	Rainy River	665	36	259	594.45				594.45
Red Cross Outpost	Red Lake								
Red Cross Outpost	Richard's Landing	188		49	155.70				155.70
Red Cross Outpost	Thessalon	232	333		340.50	360.00	25.70		674.80
Red Cross Outpost	Whitney								
Red Cross Outpost	Wilberforce								
Red Cross Car									
TOTALS		8,131	3,013	2,046	8,218.55	10,927.85	677.71	74.00	18.542.69

Table No. 6—Basis on which statutory aid is granted for indigents from unorganized territory.

Name of Hospital	Location	No. of patients	Days at $3.00	Days at $2.75	Amount	No. of infants	Days at 90c.	Amount	Total for indigents
					$ c.			$ c.	$ c.
Red Cross Outpost	Apsley								
Red Cross Outpost	Atikokan								
Red Cross Outpost	Bancroft								
Red Cross Outpost	Beardmore	1	14		42.00	1	8	7.20	49.20
Red Cross Outpost	Bracebridge								
Red Cross Outpost	Dryden	74	831	575	4,074.25	7	58	52.20	4,126.45
Red Cross Outpost	Emo	1	29		87.00				87.00
Red Cross Outpost	Englehart	14	229	8	709.00	1	9	8.10	717.10
Red Cross Outpost	Espanola	10	280	44	961.00	1	4	3.60	964.60
Red Cross Outpost	Haliburton								
Red Cross Outpost	Hawk Junction								
Red Cross Outpost	Hornepayne								
Kirkland District Hospital	Kirkland Lake	46	814	392	3,520.00	5	40	36.00	3,556.00
Red Cross Outpost	Lion's Head								
Red Cross Outpost	Mindemoya	2	13		39.00				39.00
Red Cross Outpost	Nakina								
Lady Minto Hospital	New Liskeard	10	253	98	1,028.50				1,028.50
Red Cross Outpost	Port Loring								
Red Cross Outpost	Rainy River								
Red Cross Outpost	Red Lake								
Red Cross Outpost	Richard's Landing								
Red Cross Outpost	Thessalon	2	87	36	360.00				360.00
Red Cross Outpost	Whitney								
Red Cross Outpost	Wilberforce								
Red Cross Car									
TOTALS		160	2,550	1,153	10.820.75	15	119	107.10	10,927.85

CONVALESCENT HOSPITALS

Table No. 1—Bed capacity and movement of patients.

Name of Hospital	Location	Bed capacity	Patients in residence, Jan. 1, 1946	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1946
Children's Convalescent Hospital*	Burlington	35		70	70	70		
Blue Mountain Camp for Crippled Children*	Collingwood	44		160	160	160		
Wooden Convalescent Hospital*	Kilworth	40		158	158	158		
St. John's Convalescent Hospital	Newtonbrook	68	59	651	710	644	1	65
Daughters of the Empire Hospital for Convalescent Children†	Toronto	80	66	362	428	353		75
Hillcrest Convalescent Hospital	Toronto	41	33	215	248	216	2	30
Totals		308	158	1,616	1,774	1,601	3	170

Table No. 2—Collective stay in days of patients admitted and infants born; also number of professional and other staff.

Name of Hospital	Location	Total patient days for year	Average number of patient in hospital daily	Percentage of beds occupied during year	Number of graduate nurses	Number of all other employees
Children's Convalescent Hospital*	Burlington	1,907	31	89.3	3	6
Blue Mountain Camp for Crippled Children*	Collingwood	3,732	43	98.6	3	12
Woodeden Convalescent Hospital*	Kilworth	3,322	40	98.9	3	15
St. John's Convalescent Hospital	Newtonbrook	22,652	62	91.3	8	40
Daughters of the Empire Hospital for Convalescent Children†	Toronto	26,324	72	90.1	6	58
Hillcrest Convalescent Hospital	Toronto	11,736	32	78.4	3	11
Totals		69,673			26	142

*These camps operate in summer months only. Woodeden opened June 18, 1946.

†Includes 22 beds for T.B. 67 T.B. Patients and 7,793 days.

CONVALESCENT HOSPITALS (Cont'd)

Table No. 3—Cost of operating hospitals.

Name of Hospital	Location	Salaries and Wages		Cost of dietary services	House-keeping and maintenance costs, including light, heat, power and water	Cost of laundry, bedding and linen	Cost of drugs, medical, surgical and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges
		Nurses, R.N., and Sisters, R.N.	Other Employees					Buildings	Equipment		
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Hospital	Burlington	......	......	......	......	......	......	......	......	......	......
Blue Mountain Camp for Crippled Child.	Collingwood	......	......	......	......	......	......	......	......	......	......
Woodeden Convalescent Hospital	Kilworth	......	......	......	......	......	......	......	......	......	......
St. John's Convalescent Hospital	Newtonbrook	8,288.16	35,993.55	19,219.55	8,394.13	1,536.05	1,276.62	4,502.27	3,269.96	3,294.05	85,774.34
Daughters of the Empire Hospital for Convalescent Children	Toronto	14,232.74	46,059.49	19,881.22	17,047.62	1,010.83	1,409.28	1,488.79	1,067.99	3,032.01	105,229.97
Hillcrest Convalescent Hospital	Toronto	4,062.35	9,418.30	8,015.84	4,243.29	1,100.81	227.57	1,146.60	873.82	1,013.74	30,102.32
Totals		26,583.25	91,471.34	47,116.61	29,685.04	3,647.69	2,913.47	7,137.66	5,211.77	7,339.80	221,106.63

Table No. 3A—Average daily cost of each patient.

Name of Hospital	Location	Patient Days			Total adult days plus 25% infant days	Salaries and Wages		Dietary Services	House-keeping and maintenance, including light, heat, power and water	Laundry, bedding and linen	Drugs, medical, surgical and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges
		Private and semi-private	Public	Nursery		Nurses, R.N., and Sisters, R.N.	Other Employees					Buildings	Equipment		
						$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Hosp.	Burlington	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Blue Mountain Camp for Crippled Children	Collingwood	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Woodeden Convalescent Hosp.	Kilworth	......	......	......	......	......	......	......	......	......	......	......	......	......	......
St. John's Convalescent Hosp.	Newtonbrook	4,572	18,080	......	22,652	.36	1.59	.85	.37	.07	.06	.20	.14	.14	3.78
Daughters of the Empire Hosp. for Convalescent Children	Toronto	......	26,324	......	26,324	.54	1.75	.75	.65	.04	.05	.06	.04	.12	4.00
Hillcrest Convalescent Hospital	Toronto	3,319	8,417	......	11,736	.35	.80	.68	.36	.09	.02	.10	.08	.09	2.57

CONVALESCENT HOSPITALS (Cont'd)

Table No. 4—Sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Hospital	Burlington					
Blue Mountain Camp for Crippled Children	Collingwood					
Wooden Convalescent Hospital	Kilworth					
St. John's Convalescent Hospital	Newtonbrook	56,168.50	11,292.88	425.67	13,788.36	81,675.41
Daughters of the Empire Hospital for Convalescent Children	Toronto	9,068.83	20,660.60	9,600.00	27,230.47	66,559.90
Hillcrest Convalescent Hospital	Toronto	15,281.39	10,450.69	645.80		26,377.88
Totals		80,518.72	42,404.17	10,671.47	41,018.83	174,613.19

Table No. 4a—Analysis of operating revenue from all sources including Government Grant.

Name of Hospital	Location	MAINTENANCE REVENUE				EXTRA SERVICES			
		Private and Semi-Private		Public		Private and Semi-Private		Public	
		Total Revenue	Average per diem	Total Revenue	Average per diem	Total Revenue	Average per diem	Total Revenue	Average per diem
Children's Convalescent Hosp.	Burlington								
Blue Mountain Camp for Crippled Children	Collingwood								
Woodeden Convalescent Hospital	Kilworth								
St. John's Convalescent Hosp.	Newtonbrook	24,994.70	5.47	44,555.08	2.46	1,354.88	.30	799.82	.04
Daughters of the Empire Hosp. for Convalescent Children	Toronto			55,525.93	2.11				
Hillcrest Convalescent Hospital	Toronto	11,501.40	3.47	18,277.58	2.17				

Table No. 5—Basis on which statutory aid is granted.

Name of Hospital	Location	Days at 50c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
					Debit	Credit	
			$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Hospital	Burlington	1,907	953.50				953.50
Blue Mountain Camp for Crippled Children	Collingwood	3,736	1,868.00				1,868.00
Woodeden Convalescent Hospital	Kilworth	3,322	1,661.00				1,661.00
St. John's Convalescent Hospital	Newtonbrook	7,574	3,787.00	598.50	142.40		4,243.10
Daughters of the Empire Hospital for Convalescent Children	Toronto	17,264	8,632.00		223.50		8,408.50
Hillcrest Convalescent Hospital	Toronto	6,622	3,311.00		35.50		3,275.50
Totals		40,425	20,212.50	598.50	401.40		20,409.60

CONVALESCENT HOSPITALS (Cont'd)

Table No. 6—Basis on which statutory aid is granted for indigents from unorganized territory.

Name of Hospital	Location	Number of patients	Days at $2.00	Less days at 50c.	Amount
					$ c.
Children's Convalescent Hospital	Burlington				
Blue Mountain Camp for Crippled Children	Collingwood				
Woodeden Convalescent Hospital	Kilworth				
St. John's Convalescent Hospital	Newtonbrook	8	399	399	598.50
Daughters of the Empire Hospital for Convalescent Children					
Hillcrest Convalescent Hospital	Toronto				
TOTALS		8	399	399	598.50

HOSPITALS FOR INCURABLES

Table No. 1—Bed capacity and movement of patients.

Name of Hospital	Location	Bed capacity	Patients in residence Jan. 1, 1946	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence Dec. 31, 1946
St. Peter's Infirmary	Hamilton	108	106	56	162	17	37	108
St.-Mary's-of-the-Lake*	Kingston	54	....	53	53	10	7	36
Parkwood Hospital for Incurables	London	145	149	50	199	21	30	148
Perley Home for Incurables	Ottawa	93	86	44	130	16	19	95
St. Vincent Hospital for Incurables	Ottawa	213	214	121	335	26	96	213
Home for Incurable Children	Toronto	37	37	6	43	6	....	37
Our Lady of Mercy Hospital for Incurables	Toronto	269	263	136	399	22	105	272
Queen Elizabeth Hospital for Incurables	Toronto	356	301	158	459	24	136	299
Runnymede	Toronto	126	102	118	220	27	64	129
East Windsor Hospital for Incurables	Windsor	242	209	206	415	48	128	239
TOTALS		1,643	1.467	948	2,415	217	622	1,576

Table No. 2—Collective stay in days of patients admitted and infants born; also number of professional and other staff.

Name of Hospital	Location	Total patient days for year	Average number of patients in hospital daily	Percentage of beds occupied during year	Number of graduate nurses	Number of other employees
St. Peter's Infirmary	Hamilton	39,221	107	99.5	5	69
St. Mary's-of-the-Lake*	Kingston	2,612	23	43.2	5	18
Parkwood Hospital for Incurables	London	54,449	149	102.9	9	93
Perley Home for Incurables	Ottawa	32,926	90	97.0	10	50
St. Vincent Hospital for Incurables	Ottawa	78,667	216	101.2	6	120
Home for Incurable Children	Toronto	12,985	36	96.1	3	24
Our Lady of Mercy Hospital for Incurables	Toronto	97,430	267	99.2	47	110
Queen Elizabeth Hospital for Incurables	Toronto	109,754	301	84.5	35	179
Runnymede	Toronto	46,128	126	100.3	25	85
East Windsor Hospital for Incurables	Windsor	85,505	234	96.8	4	86
TOTALS		559,677	1,549	....	149	834

*Opened September 10, 1946.

HOSPITALS FOR INCURABLES (Cont'd)

Table No. 3—Cost of operating hospitals.

Name of Hospital	Location	Salaries and Wages		Cost of dietary services	House-keeping and maintenance costs, including light, heat, power and water	Cost of laundry, bedding and linen	Cost of drugs, medical, surgical and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges	Interest and capital charges
		Nurses, R.N., and Sisters, R.N.	Other Employees					Buildings	Equipment			
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	4,906.80	53,862.83	17,588.93	6,003.25	1,614.52	3,040.57	5,188.32	5,022.95	3,493.77	100,721.94	600.00
St. Mary's-of-the-Lake*	Kingston	2,815.00	6,389.62	3,180.17	2,451.32	320.13	709.69	3,159.33	677.92	1,015.71	20,718.89	....
Parkwood Hospital for Incurables	London	9,492.60	60,435.46	26,383.30	9,935.86	1,978.53	1,401.18	6,658.07	1,696.40	2,962.94	120,944.34	....
Perley Home for Incurables	Ottawa	13,707.74	32,780.45	16,478.09	9,242.47	2,485.81	164.75	6,497.18	3,830.00	2,435.27	87,621.76	....
St. Vincent Hosp. for Incurables	Ottawa	7,645.33	85,563.24	34,791.77	29,944.24	10,060.63	2,776.07	7,702.28	4,754.00	2,927.84	186,165.40	....
Home for Incurable Children	Toronto	3,425.00	16,463.55	7,374.94	6,342.75	1,623.53	745.55	1,802.07	391.06	1,987.80	40,156.25	....
Our Lady of Mercy Hospital for Incurables	Toronto	54,736.87	91,969.52	45,317.72	22,794.37	14,956.03	4,946.44	11,610.85	5,842.38	4,509.48	256,683.66	8,503.14
Queen Elizabeth Hosp. for Incur.	Toronto	58,915.92	155,560.67	75,382.44	36,078.30	4,099.91	5,224.48	18,084.87	278.50	10,261.52	363,886.61	....
Runnymede Hospital	Toronto	37,646.85	63,766.61	29,124.17	9,787.95	11,732.30	3,986.58	....	....	1,909.24	157,953.70	....
East Windsor Hosp. for Incur.	Windsor	4,898.25	90,174.67	44,312.51	8,523.05	14,239.51	2,311.37	8,038.42	6,584.89	8,649.83	187,732.50	790.69
TOTALS		198,190.36	656,966.62	299,934.04	141,103.56	63,110.90	25,306.68	68,741.39	29,078.10	40,153.40	1,522,585.05	9,893.83

Table No. 3A—Average daily cost of each patient.

Name of Hospital	Location	Patient Days		Total adult days plus 25% infant days	Salaries and Wages		Dietary Services	House-keeping and maintenance, including light, heat, power and water	Laundry, bedding and linen	Drugs, medical, surgical and sterile supply	Depreciation		Other operating costs	Total operating cost, excluding provision for bad debts, interest and capital charges
		Private and semi-private	Public		Nurses, R.N., and Sisters, R.N.	Other Employees					Buildings	Equipment		
					$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	12,015	27,206	39,221	.13	1.37	.45	.15	.04	.08	.13	.13	.09	2.57
St. Mary's-of-the-Lake*	Kingston	91	2,521	2,612	1.08	2.44	1.22	.94	.12	.27	1.20	.26	.39	7.92
Parkwood Hospital for Incurables	London	16,725	37,724	54,449	.17	1.11	.49	.18	.04	.03	.12	.03	.05	2.22
Perley Home for Incurables	Ottawa	10,337	22,589	32,926	.42	.99	.50	.28	.08	.01	.20	.12	.07	2.67
St. Vincent Hospital for Incurables	Ottawa	7,342	71,325	78,667	.10	1.08	.44	.38	.13	.04	.10	.06	.04	2.37
Home for Incurable Children	Toronto	....	12,985	12,985	.26	1.27	.57	.49	.12	.06	.14	.03	.15	3.09
Our Lady of Mercy Hospital for Incurables	Toronto	10,700	86,730	97,430	.56	.95	.47	.23	.15	.05	.12	.06	.05	2.64
Queen Elizabeth Hospital for Incurables	Toronto	18,426	91,328	109,754	.53	1.42	.68	.33	.04	.04	.16	....	.10	3.30
Runnymede Hospital	Toronto	1,995	44,133	46,128	.82	1.38	.63	.21	.25	.09	....	....	.04	3.42
East Windsor Hospital for Incurables	Windsor	10,022	75,483	85,505	.06	1.05	.52	.10	.17	.03	.09	.08	.10	2.20

*Opened September 10, 1946.

HOSPITALS FOR INCURABLES (Cont'd)

Table No. 4—Sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property miscell'eous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building debentures, etc.	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	62,223.81	19,430.20	2,048.90	1,474.06		85,176.97
St. Mary's-of-the-Lake*	Kingston	3,298.66	1,562.00	873.00	9,578.81		15,312.47
Parkwood Hospital for Incurables	London	48,563.59	45,207.01	9,715.94	164.41		103,650.95
Perley Home for Incurables	Ottawa	44,647.11	20,108.51	1,049.62	7,036.50		72,841.74
St. Vincent Hospital for Incurables	Ottawa	54,746.12	74,064.11	111.17	2,710.36		131,631.76
Home for Incurable Children	Toronto	2,473.80	10,148.42	8,206.58	17,172.31		38,001.11
Our Lady of Mercy Hospital for Incurables	Toronto	61,549.20	126,486.37	500.28	3,900.00		192,435.85
Queen Elizabeth Hospital for Incurables	Toronto	94,013.72	148,300.45	15,605.54	139,885.81	100,000.00	497.805.52
Runnymede Hospital	Toronto	15,700.51	119,840.38	1,075.81	100.00		136,716.70
East Windsor Hospital for Incurables	Windsor	32,443.10	111,337.05		244,606.23		388,446.38
TOTALS		419,659.62	676,484.50	39,186.84	426,688.49	100,000.00	1,662,019.45

Table No. 4A—Analysis of operating revenue from all sources including Government Grant.

Name of Hospital	Location	MAINTENANCE REVENUE				EXTRA SERVICES			
		Private and Semi-private		Public		Private and Semi-private		Public	
		Total Revenue	Average per diem	Total Revenue	Average per diem	Total Revenue	Average per diem	Total Revenue	Average per diem
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	33,767.74	2.81	55,423.35	2.04	2,253.80	.19	265.67	.01
St. Mary's-of-the-Lake*	Kingston	473.50	5.20	5,414.90	2.15	1.20	.01	104.56	.04
Parkwood Hosp. for Incurables	London	41,766.30	2.50	69,078.21	1.83	792.00	.05	72.39	
Perley Home for Incurables	Ottawa	27,640.69	2.67	47,646.53	2.11				
St. Vincent Hosp. for Incurables	Ottawa	22,446.40	3.06	143,172.68	2.01	437.00	.01		
Home for Incurable Children	Toronto			19,445.17	1.50				
Our Lady of Mercy Hospital for Incurables	Toronto	32,146.75	3.00	196,301.87	2.26	583.20	.05	8.70	
Queen Elizabeth Hosp. for Incur.	Toronto	68,681.86	3.73	210,773.45	2.31	1,030.81	.06		
Runnymede Hospital	Toronto	10,006.00	5.02	104,281.87	2.36	717.51	.36		
East Windsor Hosp. for Incur.	Windsor	32,380.75	3.23	149,202.55	1.98				

Table No. 5—Basis on which statutory aid is granted.

Name of Hospital	Location	Days at 50c	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
					Debit	Credit	
			$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	21,676	10,838.00				10,838.00
St. Mary's-of-the-Lake*	Kingston	1,589	794.50	339.00			1,133.50
Parkwood Hospital for Incurables	London	35,455	17,727.50				17,727.50
Perley Home for Incurables	Ottawa	21,941	10,970.50				10,970.50
St. Vincent Hospital for Incurables	Ottawa	70,362	35,181.00	1,470.00	182.50		36,468.50
Home for Incurable Children	Toronto	12,985	6,492.50	258.65			6,751.15
Our Lady of Mercy Hospital for Incurables	Toronto	76,655	38,327.50	3,832.50			42,160.00
Queen Elizabeth Hospital for Incurables	Toronto	83,779	41,889.50	1,090.50			42,980.00
Runnymede Hospital	Toronto	42,474	21,237.00				21,237.00
East Windsor Hospital for Incurables	Windsor	75,483	37,741.50				37,741.50
TOTALS		442,399	221,199.50	6,990.65	182.50		228,007.65

*Opened September 10, 1946.

HOSPITALS FOR INCURABLES (Cont'd)

Table No. 6—Basis on which statutory aid is granted for indigents from unorganized territory.

Name of Hospital	Location	Number of patients	Days at $2.00	Less days at 50c.	Amount
					$ c.
St. Peter's Infirmary	Hamilton				
St. Mary's-of-the-Lake	Kingston	4	226	226	339.00
Parkwood Hospital for Incurables	London				
Perley Home for Incurables	Ottawa				
St. Vincent Hospital for Incurables	Ottawa	3	980	980	1,470.00
Home for Incurable Children	Toronto	1	189	239	258.65
Our Lady of Mercy Hospital for Incurables	Toronto	7	2,555	2,555	3,832.50
Queen Elizabeth Hospital for Incurables	Toronto	3	727	727	1,090.50
Runnymede Hospital	Toronto				
East Windsor Hospital for Incurables	Windsor				
TOTALS		18	4,677	4,727	6,990.65

NOTE.—Small differences are due to odd amounts paid on account by patients.

SANATORIA FOR CONSUMPTIVES

Table No. 1—Showing the bed complement, together with the movement of patients in each institution separately.

Name of Sanatorium	Location	Bed Complement		Patients in residence, Jan. 1, 1946	* Patients admitted during year	Live births during year	Total patients treated during year	† Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1946
		Adults' beds	Children's beds							
Brant Sanatorium	Brantford	117	......	92	138	......	230	101	19	110
St. Lawrence Sanatorium	Cornwall	112	......	109	71	......	180	57	22	101
Fort William Sanatorium	Fort William.	200	......	172	220	......	392	143	54	195
Muskoka Hospital for Consumptives	Gravenhurst..	440	......	354	315	......	669	217	54	398
St. Mary's-on-the-Lake Sanatorium.	Haileybury	100	5	96	124	4	224	93	36	95
Mountain Sanatorium	Hamilton	665	55	701	592	4	1,297	461	137	699
Kingston Sanatorium	Kingston	47	......	47	57	2	106	46	13	47
Freeport Sanatorium	Kitchener	152	6	155	142	......	297	120	22	155
Queen Alexandra Sanatorium	London	561	34	540	593	......	1,133	500	90	543
Royal Ottawa Sanatorium	Ottawa	177	35	195	192	......	387	153	37	197
Niagara Peninsula Sanatorium	St. Catharines	90	......	88	102	......	190	91	9	90
Toronto Hosp. for Consumptives and Queen Mary H. for Con. Children	Weston	593	68	550	460	10	1,020	455	86	479
Essex County Sanatorium	Windsor	185	......	179	256	1	436	214	45	177
TOTALS		3,439	203	3,278	3,262	21	6,561	2,651	624	3.286

*Does not include patients returning from temporary leaves of absence or temporary transfers to public hospitals.

†Does not include patients going on temporary leaves of absence or temporarily transferred to public hospitals.

Table No. 2—Showing the collective stay in days of the patients admitted and infants born in the institutions; also the average stay in days each patient was under treatment.

Name of Sanatorium	Location	Total patients treated during year	Total collective days' stay of patients for year	Average days' stay of each patient for year	Average number of patients in sanatoria daily	Number of graduate and professional staff		Number of all other employees	Percentage of beds occupied during year
						Full time	Part time		
Brant Sanatorium	Brantford	230	37,987	165.2	104.1	14	1	42	89.6
St. Lawrence Sanatorium	Cornwall	180	37,258	207.0	102.1	11	1	39	91.8
Fort William Sanatorium	Fort William	392	67,850	173.1	185.9	13	1	60	93.0
Muskoka Hospital for Consumptives	Gravenhurst	669	139,194	208.1	381.4	43	......	224	88.4
St. Mary's-on-the-Lake Sanatorium	Haileybury	224	34,923	155.9	95.7	4	1	30	91.1
Mountain Sanatorium	Hamilton	1,297	257,119	198.2	704.4	104	2	301	97.9
Kingston Sanatorium	Kingston	106	16,960	160.0	46.5	9	2	15	98.9
Freeport Sanatorium	Kitchener	297	56,836	191.4	155.5	23	1	54	98.5
Queen Alexandra Sanatorium	London	1,133	196,117	173.1	537.3	70	......	269	91.9
Royal Ottawa Sanatorium	Ottawa	387	72,302	186.8	198.1	33	1	71	93.4
Niagara Peninsula Sanatorium	St. Catharines.	190	32,366	170.3	88.7	15	1	42	98.6
Toronto Hospital for Consumptives and Queen Mary H. for Con. Children	Weston	1,020	190,036	186.3	520.6	87	5	215	78.2
Essex County Sanatorium	Windsor	436	64,264	147.4	176.1	30	1	71	96.7
TOTALS		6,561	1,203,212	183.4	3,296.5	456	17	1,433	90.4

Table No. 3—Showing the cost of operating the sanatoria; also the average daily cost of each patient.

Name of Sanatorium	Location	Total collective days' stay of all patients	Cost of dietary supplies	Other operating costs, including incidental financial expense	Total operating costs, including incidental financial expense, provision for bad debts and depreciation on equipment and apparatus	Average daily per capita cost, excluding provision for bad debts and depreci'on	Interest and exchange on long-term loans
			$ c.	$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	37,987	31,004.95	83,325.30	114,330.25	3.01	......
St. Lawrence Sanatorium	Cornwall	37,258	26,578.47	81,044.02	107,622.49	2.89	......
Fort William Sanatorium	Fort William	67,850	44,811.65	125,266.95	170,078.60	2.51	7,391.33
Muskoka Hospital for Consumptives	Gravenhurst	190,036	163,018.40	966,926.11	1,243,783.65	3.78	......
Toronto Hosp. for Consumptives and Queen Mary H. for Con. Child.	Weston	139,194	113,839.14				......
St. Mary's-on-the-Lake Sanatorium.	Haileybury	34,923	21,421.30	58,060.82	79,482.12	2.28	4,168.88
Mountain Sanatorium	Hamilton	257,119	168,744.13	595,437.49	764,181.62	2.97	......
Kingston Sanatorium	Kingston	16,960	12,331.68	35,399.30	47,730.98	2.81	......
Freeport Sanatorium	Kitchener	56,836	36,512.41	118,028.86	154,541.27	2.72	......
Queen Alexandra Sanatorium	London	196,117	147,164.31	491,426.32	638,590.63	3.26	......
Royal Ottawa Sanatorium	Ottawa	72,302	42,051.44	166,152.03	208,203.47	2.88	3,777.50
Niagara Peninsula Sanatorium	St. Catharines	32,366	21,498.65	107,861.12	129,359.77	4.00	......
Essex County Sanatorium	Windsor	64,264	50,069.05	163,260.88	213,329.93	3.32	......
TOTALS		1,203,212	879,045.58	2,992,189.20	3,871,234.78	3.22	15,337.71

SANATORIA FOR CONSUMPTIVES (Cont'd)

Table No. 4—Showing the sources of income of sanatoria other than Provincial Grant.

Name of Sanatorium	Location	Income from patients themselves for maintenance in Sanatorium	Income from other agencies for maintenance in Sanatorium	Income from out-patient service	Sundry income, including Christmas seals	Income from earnings on investments, endowments, etc.	Total income from all sources other than Governm't grant and contributed funds	† Contributed funds
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	3,845.51	37,470.60	3,211.50	5,131.83	1,867.47	51,526.91	
St. Lawrence Sanatorium	Cornwall		2,325.50	3,831.49	5,407.06	570.00	12,134.05	464.13
Fort William Sanatorium	Fort William	5,582.92	45,178.50	9,676.00	6,380.89	3,357.62	70,175.93	70.00
Muskoka Hospital for Con.	Gravenhurst	10,409.02	82,844.10	4,013.58				
Toronto Hosp. for Con. and Queen Mary Hosp. for Con. Children	Weston	21,664.52	117,603.30	8,624.25	125,908.78	*97,925.62	468,993.17	‡52,692.48
St. Mary's-on-the-Lake San.	Haileybury	2,688.00	21,871.57	784.50	9,652.04	30.00	35,026.11	50.00
Mountain Sanatorium	Hamilton	27,972.32	122,170.14	9,152.29	50,949.03	18,642.83	228,886.61	20,955.77
Kingston Sanatorium	Kingston	1,470.50	3,696.00				5,166.50	
Freeport Sanatorium	Kitchener	6,002.00	41,430.50	9,782.50	7,658.42	4,146.97	69,020.39	7,763.15
Queen Alexandra Sanatorium	London	26,647.61	159,541.22	8,760.95	32,542.40	18,768.40	246,260.58	7,613.67
Royal Ottawa Sanatorium	Ottawa	10,768.45	22,587.00	10,529.00	4,662.01		48,546.46	
Niagara Peninsula Sanatorium	St. Catharines	1,753.30	22,212.00	18,189.06	28,253.56	2,112.30	72,520.22	1,712.50
Essex County Sanatorium	Windsor	5,801.24	48,168.00	6.340.50	10,207.31		70,517.05	439.32
TOTALS		124,605.39	727,098.43	92,895.62	286,753.33	147,421.21	1,378,773.98	91,761.02

†Contributed funds represent legacies, bequests, donations, etc., which may be used for capital purposes, invested as semi-permanent investments or used for general purposes at the discretion of the board of directors.

*Income from earnings from investments, etc., reported here represents earnings derived from investments of the National Sanatarium Association, which association operates the Toronto Hospital and the Muskoka Hospital.

‡Contributed funds reported here represent contributions received by the National Sanatarium Association, which association operates the Toronto Hospital and the Muskoka Hospital.

Table No. 5—Showing the amount of the statutory aid.

Name of Sanatorium	Location	* Regular Grant	Infant Grant at $1.00 per day	Total Grant Earned
		$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	58,688.51		58,688.51
St. Lawrence Sanatorium	Cornwall	91,938.33		91,938.33
Fort William Sanatorium	Fort William	129,823.13		129,823.13
Muskoka Hospital for Consumptives	Gravenhurst	285,430.30		285,430.30
St. Mary's-on-the-Lake Sanatorium	Haileybury	66,119.75	23.00	66,142.75
Mountain Sanatorium	Hamilton	549,366.48	135.00	549,501.48
Kingston Sanatorium	Kingston	38,813.63	66.00	38,879.63
Freeport Sanatorium	Kitchener	101,430.07		101,430.07
Queen Alexandra Sanatorium	London	360,753.24		360,753.24
Royal Ottawa Sanatorium	Ottawa	161,625.57		161,625.57
Niagara Peninsula Sanatorium	St. Catharines	61,846.59		61,846.59
Toronto Hospital for Consumptives and Queen Mary Hospital for Consumptive Children	Weston	408,385.05	537.00	408,922.05
Essex County Sanatorium	Windsor	120,000.65	1.00	120,001.65
TOTALS		2,434,221.30	762.00	2,434,983.30

*Provincial aid to each sanatorium is paid on the basis of services rendered, with a minimum of $2.10 and a maximum of $2.85 per patient per day.

LICENSED PRIVATE HOSPITALS—1946

Location	Name of Hospital	Licensee	Type	Bed Capacity
Ajax	Ajax University Hospital	University Health Service	Medical and Surgical	32
Campbellford	Campbellford Private Hospital	Campbellford Hospital Committee	Maternity, Medical and Surgical	13
Cobourg	Brookhurst Convalescent Hospital	Miss Effie C. Bolster, Reg.N.	Convalescent	5
Copper Cliff	International Nickel Co. Private Hospital	International Nickel Co. of Canada	Medical and Surgical	33
Deep River	Deep River Hospital	Defence Industries Ltd.	Maternity, Medical and Surgical	18
Dundas	Wentworth County Rest Home	Mrs. Abigail Hall	Rest Home	38
Elmira	Misener Private Hospital	Mrs. Emma Misener (closed latter part 1946—Mrs. M. Farrell pending new licensee)	Medical	16
Favourable Lake	Berens River Mines Hospital	Dr. L. C. Bartlett	Medical and Surgical	4
Geraldton	Little Long Lac Hospital	Little Long Lac Hospital Association	Maternity, Medical and Surgical	26
Hamilton	Salvation Army Maternity Hospital	Salvation Army	Maternity	22
Havelock	Havelock Private Hospital	Mrs. Lucinda Cummins	Maternity, Medical and Minor Surg.	10
Hawkesbury	Dr. Kelly's Private Hospital	Dr. E. P. Kelly	Maternity, Medical and Surgical	12
Hawkesbury	Dr. Smith's Private Hospital	Dr. T. W. Smith	Maternity, Medical and Surgical	12
Hawkesbury	Hospital of the Asylum of the Good Shepherd of Quebec	The Asylum of the Good Shepherd of Quebec	Maternity	29
Kapuskasing	Sensenbrenner Private Hospital	Spruce Falls Power & Paper Co.	Maternity, Medical and Surgical	50
Lansing	Bethesda Private Hospital	David M. Duncan	Medical	22
Leamington	Rotary Hopewell Private Hospital	Rotary Hopewell Hospital Association	Maternity, Medical and Surgical	26
London	Mason Villa Private Hospital	Mrs. A. Mason, Reg.N.	Medical	30
London	Rogers Private Hospital	Mrs. E. M. Rogers	Maternity and Medical	21
London	Salvation Army Bethesda Hospital	Salvation Army, Toronto	Maternity	48
Markdale	Markdale Private Hospital	Dr. R. L. Carefoot	Maternity, Medical and Surgical	21
Meaford	Meaford Cottage Hospital	Meaford Hospital Board	Maternity, Medical and Minor Surg.	15
Midland	Midland Convalescent Private Hospital	Miss Bertha Hall, Reg.N.	Convalescent	8
Milton	Milton Private Hospital	Dr. C. Keith Stevenson	Maternity, Medical and Surgical	20
Moose Factory	Newnham Cottage Hospital	Missionary Society of the Church of England in Canada	Medical	10
McKenzie Island	McKenzie Island Hospital	McKenzie Red Lake Gold Mines Ltd.	Maternity, Medical and Surgical	11
Oakville	Oakville Temporary Hospital	Lions Club, Oakville	Maternity, Medical and Surgical	22
Orillia	Hillcrest Private Hospital	Misses J. E. Brailey and Frances M. Dean, Reg.N.	Maternity and Medical	15
Ottawa	Duke-Fingard Inhalation Hospital	Mrs. Agnes Warrey-Smith, Reg.N.	Medical	71 up-pts.
Ottawa	Hartington Nursing Home	Mrs. Mabel Dier Thomas, Reg.N.	Medical	20
Pickle Crow	Pickle Crow Gold Mines Private Hospital	Pickle Crow Gold Mines Ltd.	Maternity, Medical and Surgical	6
Port Perry	Port Perry Private Hospital	Mrs. Nellie Whitmore, Reg.N.	Maternity, Medical and Surgical	14
St. Catharines	Bellevue Convalescent Hospital	Mr. William Hamilton	Convalescent	31
St. Thomas	St. Thomas Private Hospital	Mrs. Clarence C. Clark, Reg.N.	Convalescent	10
Smooth Rock Falls	Smooth Rock Falls Private Hospital	Abitibi Power & Paper Co.	Maternity, Medical and Surgical	11
Stouffville	Brierbush Private Hospital	Mr. and Mrs. E. R. Good	Maternity, Medical and Surgical	29
Sutton West	Sutton Private Hospital	Miss Elsie V. King	Maternity, Medical and Minor Surg.	22
Thorold	Maplehurst Private Hospital	Miss Florence Stevenson, Reg.N.	Maternity and Medical	23
Vankleek Hill	Vankleek Hill Private Hospital	Dr. A. MacDonald	Maternity, Medical and Surgical	10
Waterford	Waterford Private Hospital	Mr. E. K. Wills	Maternity and Medical	33
Weston	Weston Private Hospital	Mrs. E. L. Ritchie, Reg.N.	Maternity, Medical and Minor Surg.	20
Toronto—				
867 College St.	Allen Private Hospital	Mr. Wm. P. Murphy	Medical	15
435 Walmer Rd.	Clifton Memorial Nursing Home	Misses A. Jeffrey and A. L. Kirby, Reg.N.	Medical	11

47 Dewson St.	Dewson Lodge Private Hospital	Mrs. Jean Scott	Medical	15
923 College St.	Duke-Fingard Inhalation Hospital	Miss Lilly Rooke, Reg.N.	Medical	73 up-pts.
10 Homewood Place	Homewood Rest Home	Miss Rosa Middleton, Reg.N.	Convalescent	8
432 Sherbourne St.	Mayfair Private Hospital	Miss Bess Newsome, Reg.N.	Maternity and Medical	31
429 Walmer Rd.	Metcalfe Nursing Home	Mrs. Marjorie Metcalfe, Reg.N.	Medical	12
550 Jarvis St.	St. Mary's Private Hospital	Sisters of Misericorde	Maternity, Medical and Surgical	25
626 Church St.	Shouldice Surgery	Dr. E. E. Shouldice	Surgical	8
32 Gothic Ave.	Strathcona Private Hospital	Miss Annie M. McConnell, Reg.N.	Maternity	41
43 Wellesley St.	Wood Sanatorium	Messrs. G. R. Wood and J. J. Woolnough	Alcoholics	14
			TOTAL	1,142

ANNUAL REPORT

UPON THE

PRISONS AND REFORMATORIES

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDING 31st MARCH

1946

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER NO. 18, 1947

ONTARIO

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1947

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TO THE HONOURABLE RAY LAWSON,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Annual Report upon the Prisons and Reformatories of the Province of Ontario for the year ending 31st March, 1946.

Respectfully submitted,
G. H. DUNBAR,
Provincial Secretary

HONOURABLE G. H. DUNBAR,

Provincial Secretary of Ontario.

SIR:

The reports for the Reformatories and Industrial Farms and the Common Gaols with statistics for the year which ended March 31, 1946, are presented herewith for your consideration.

The following table shows the commitments and the number sentenced in each of many years past:

YEAR ENDING SEPTEMBER 30TH	APPROXIMATE POPULATION OF ONTARIO	PERSONS COMMITTED FOR TRIAL	PERSONS SENTENCED TO PRISON
1913	2,767,000	19,250	11,897
1914	2,770,000	22,777	14,801
1915	2,788,000	20,337	12,663
1916	2,728,000	16,100	9,364
1917	2,750,000	12,445	7,867
1918	2,769,000	13,242	7,874
1919	2,821,000	13,096	7,904
1920	2,849,000	14,756	8,643
1921	2,934,000	16,800	9,790
1922	3,101,000	14,800	9,312
1923	3,035,000	13,995	8,036
1924	3,075,000	15,879	8,834
1925	3,115,000	18,023	11,306
1926	3,151,000	18,033	11,371
1927	3,176,000	20,578	13,927
1928	3,241,000	23,786	16,358
1929	3,285,000	25,980	17,626
1930	3,366,000	29,126	21,421
1931	3,432,000	26,358	18,127
1932	3,479,000	25,235	15,804
1933	3,510,000	22,484	14,538
1934	3,540,000	20,916	13,509
YEAR ENDING MARCH 31, 1936	3,690,000	24,053	16,356
1937	3,711,000	27,592	20,618
1938	3,731,000	30,345	23,649
1939	3,750,000	34,914	27,926
1940	3,755,000	33,075	26,543
1941	3,757,000	30,875	25,627
1942	3,760,000	27,225	19,652
1943	3,790,000	25,411	18,551
1944	3,800,000	25,975	19,159
1945	3,815,000	26,299	19,132
1946	3,850,000	29,409	21,614

NOTE.—The fiscal year was changed in 1935 to end March 31.

This shows, for the year under review, 29,409 commitments and 21,614 sentenced, an increase in commitments of 3,110 and an increase in the number sentenced of 2,482. It also shows that the all-time peak occurred in 1939, with 34,914 commitments and 27,926 sentenced.

The increase last year over the previous year was in all of the four main categories, as follows:

	1944-45	1945-46	INCREASE
Crimes against the person	1,145	1,502	357
Crimes against property	6,933	7,645	712
Crimes against public morals and decency.	1,055	1,240	185
Crimes against peace and order	16,049	17,566	1,517

The increase occurred for both sexes and in nearly all of the main occupational classifications. There were increases in all the age groups except one. There was an increase even in those over seventy years of age. The exception was in the group below sixteen years of age, where there was a decrease from 287 to 211. Persons under sixteen years generally are not placed in gaol unless there is no other suitable place to detain them.

There has been a marked increase during the past two years in the number committed for murder.

The numbers in recent years are as follows:

1941–42	15	1944–45	30
1942–43	16	1945–46	32
1943–44	8		

In 1944–45 the first offenders were 50.3 per cent of the total number; in 1945–46 they were 53.6 per cent. It therefore follows that the percentage of repeaters correspondingly decreased, but the actual number increased from 13,069 in 1944–45 to 13,636 in 1945–46. These statistics regarding first offenders and repeaters are based on fingerprint or other identification. Only those charged with or convicted of indictable offences are fingerprinted. Thus a great many who are committed to gaols are not fingerprinted and in many cases their past records are not certain or not known. Some who are listed as first offenders may be repeaters. It is therefore probable that the real percentage of first offenders is lower than indicated and proportionately the percentage of repeaters greater than shown in the statistics. This applies in all years and therefore any comparison year with year can be regarded as approximately correct.

Also petty offenders may repeat in gaol more than once in a year, but each time is a new commitment or sentence. It is thus obvious that the total number of commitments and sentences does not represent that number of different persons, the number of persons being somewhat less.

Important points concerning Prevention of Crime, Institutional Care and Rehabilitation of Prisoners were stated in the report for the previous year. It is not necessary therefore to repeat them in this report, as most of the facts still hold. However, there are some facts which need constant repetition. Crime results because of conditions in the home, community, State or elsewhere. Proportionately to the extent citizens interest themselves in this serious matter, improvement is likely to occur. It is evident that during the past year there has been increased interest. It is obvious that if the stream of juvenile delinquency is diminished at the source there will be a reduced problem of adult offenders. It is a grass roots problem that can only be attacked successfully by combined action of citizens, social service organizations, the community and the State.

The proper kind of institutional care is of the utmost importance for those who must be committed thereto. The juveniles, that is those under sixteen years of age, go to the training schools. (See Training School Report.) All adults following their arrest or sentence are committed to the gaols. As the great majority serve short sentences, they serve those sentences there. Much has been said and can be regarding the futility of short sentences in many cases. In Ontario for the year under review the sentences were as follows:

Suspended	3,087
Under 30 days	7,494
30 days and under 60 days	3,918
60 days and under 90 days	1,489
Three months	1,781
Four months	262
Five months	55
Six months	673
Nine months and under 12 months	132
Twelve months and under 18 months	482
Eighteen months and under 24 months	272
Indeterminate with definite or other sentences	1,508
Two years and over to penitentiaries	455

Most of the gaols were built in and for a much earlier era and therefore when the population of the Province was much less than at present. Little additional accommodation has been provided, except by replacing an old gaol with a larger one, and this has occurred chiefly in district gaols in the northern areas. Thus often the gaols have been crowded, especially in those parts where there has been great growth in population. This crowding has increased the difficulties of administering them, handicapped classifying the prisoners, segregating the various types, and lessened the possibility of providing useful work for all. To alleviate these conditions more prisoners have been transferred to the provincial reformatories and industrial farms where work is available, but this again has increased the difficulty of classification of prisoners in these institutions. Further, there are two less industrial farms than before the war, as the industrial farms at Langstaff and Monteith are being used for other purposes.

When the new industrial farms you have decided to establish are in use, they will replace the out-dated gaols and relieve the reformatories and permit them to be used for specific types of prisoners. In the meantime the institutions have been operating with more prisoners, but in the reduced accommodation imposed by the wartime loss of some of them. The great benefit to the prisoners, Province and nation when these new industrial farms replace the gaols is at present well demonstrated at the reformatories and similar institutions now operating even under their handicapping conditions.

It is self-evident that benefit comes to those who are given useful and interesting work to do in healthy conditions. The healthiest conditions are probably found in outdoor work. This is most readily found in agricultural work, including horticulture, livestock, poultry and in general the mixed farming which can be operated successfully in that particular district. But in our Ontario climate, there are several winter months when agricultural work must of necessity be materially reduced, and it is during the winter that we have our peak prison population for the year.

Therefore farm work must be supplemented by indoor industrial work, vocational training and education. Hence the very suitable name "industrial farm" has been found for such institutions.

At the Industrial Farm, Burwash, there is a large farm which produces vegetables for the community there of 1,000 persons, with sometimes some surplus; the hay, straw, ensilage, etc., for 500 cattle, 200 sheep, 75 horses, 300 hogs. There is a sawmill and planing mill which annually has processed from half a million to a million feet of lumber according to requirements. The logs are cut, skidded and teamed to the mill by prisoners and they do the millwork.

There is a tailor shop in which the prisoners make clothing on power machines for that and sometimes other institutions. They construct the buildings and under the direction of officers do nearly all the many kinds of work that are required in a growing community of that size. Burwash has the longer term repeaters over the age of twenty.

The Ontario Reformatory, Guelph, in buildings, equipment, etc., is the largest prison plant in Canada. It has a farm of nearly 1,000 acres, which by the work of the prisoners has been developed from rough unprofitable land into a highly productive area, and its landscape gardens, ponds and streams are admired by thousands. In doing this many hundreds of young prisoners have learned to work, and the change that has occurred in the landscape there is paralleled by a similar change in the lives of many of them. This farm, like the other institution farms, has a pure-bred accredited dairy herd of high quality. For more than twenty years, it has supplied daily the milk needed by two to four other public institutions. It has a piggery with several hundred hogs. Its large greenhouse produces flowering plants for the gardens and custodial buildings; vegetable plants for the extensive acreage of vegetables, and hothouse food for the kitchens. Its industries are hives of activity. The woollen mill produces blankets, cloth and socks; the tailor shop—clothing; the woodworking factory—furniture and other finished wood material; the machine shop—beds, pails, garbage cans, monel dishes and other metal requirements, large and small; the canning factory—canned fruits and vegetables, jams, jellies, marmalades; the abattoir—fresh and cured meats. All the products of those industries go for institutional use. The motor marker factory produces all the markers used on cars, trucks, busses, etc., licensed in Ontario. In valuating these products no charge is made for the prison labour involved in their manufacture or processing. They are sold practically at cost to the other institutions and thus at a material saving to those institutions. Even so, the annual revenue is approximately one-half million dollars.

The Ontario Reformatory, Mimico, has a productive farm of 300 acres with an excellent dairy herd, and its vegetable surplus goes to other institutions which have no farms. The prisoners engage in many kinds of work, but its main industry is manufacturing brick and tile for new public buildings, and a great many of Ontario's public buildings have been constructed with its products during the past thirty years.

At present this institution has short-term repeaters from the Toronto area who are over twenty years of age.

The Andrew Mercer Reformatory for women is in the city; nevertheless, it produces much of its vegetable requirements from its own ground. It is a comparatively old institution, not very attractive, looking at it from the outside, but to a considerable extent has been modernized inside. The women, of course, do all the housekeeping; they do the laundry for some other institutions with up-to-date equipment, and they make large quantities of women's clothing for other institutions.

In all these various kinds of work in the institutions the prisoners learn much and often become expert in doing something that will be useful in helping them to earn an honest living.

Staffs for academic education and vocational training are being increased and will have the space to function much more effectively when the new industrial farms reduce the stream of prisoners now going to these older, more specialized institutions.

Increased inspection staff has provided more frequent inspections and better supervision. Institution staffs depleted by enlistment in the Armed Services were very considerably increased by returning personnel, whom we welcome back, and new appointments to make eight-hour shifts effective. Thus, while the staffs are now at full strength, there are a great many inexperienced and partially trained officers on duty. Some of them will be unsuitable, some will make mistakes, and most will need more training. Thus an improved program of more effective training is a necessity to obtain better results now and to increasingly raise the calibre of personnel in a long-term program.

We are fortunate in having a considerable number of officers who are experienced and capable. They have carried unusual loads through the last few years and their work is deeply appreciated.

The Industrial Farms Act was amended to enable the Province to establish such institutions in the southern parts of the Province.

The Parole Act was replaced by a new Parole Act. The increasing needs of parole work were met by appointing a full-time Chairman of the Board of Parole and the number of parole officers was increased.

For many years the responsibility of administering the gaols, reformatories, industrial farms, training schools and some other institutions has been in a branch of the Department of the Provincial Secretary. The interest and intention of the Government and the Legislature in this important work is evidenced by creating The Department of Reform Institutions. On April 1, 1946, this new Department became responsible by properly administering the following statutes with you as Minister:

(a) The Andrew Mercer Reformatory Act;
(b) The Extramural Employment of Persons under Sentence Act;
(c) The Female Patients and Prisons Protection Act;
(d) The Female Refuges Act;
(e) The Gaols Act;
(f) The Industrial Farms Act;

(g) The Parole Act, 1946;
(h) The Public Institutions Inspection Act;
(i) The Reformatory Act;
(j) The Training Schools Act.

Soon thereafter you went overseas to study reform methods in institutions in the British Isles and other European countries and thus bring the benefit of their experiences to the work of the new Department.

The members of our staffs desire to express deep appreciation of the co-operation of other Departments of the Service, social service and other organizations and a great many citizens, as their help has greatly facilitated this important work.

C. F. Neelands,
Deputy Provincial Secretary

TABLE No. 1

MOVEMENT OF POPULATION IN ONTARIO REFORMATORIES AND INDUSTRIAL FARM

April 1, 1945, to March 31, 1946

	Ontario Reformatory, Guelph	Ontario Reformatory, Mimico	Industrial Farm, Burwash	Andrew Mercer Reformatory, Toronto	Total
Remaining in Custody, April 1, 1945	797	177	718	162	1,854
Committed During the Year	1,718	1,184	1,036	250	4,188
Readmitted from Penitentiaries	1	....	....	....	1
Readmitted from Gaols and Other Institutions	35	6	1	2	44
Parole Violators Readmitted	42	4	6	31	83
Ticket-of-Leave Violators Readmitted	11	....	1	....	12
Escapees Returned	....	....	2	....	2
TOTAL NUMBER IN CUSTODY DURING THE YEAR	2,604	1,371	1,764	445	6,184
Discharged on Expiration of Sentence	984	962	637	193	2,776
Discharged by Ticket-of-Leave	116	6	24	....	146
Discharged by Parole Board	375	27	117	98	617
Discharged by Payment of Fines	17	51	29	5	102
Discharged by Remission of Sentence	151	3	139	....	293
Discharged by Order-in-Council	9	18	....	2	29
Discharged by His Excellency the Governor-General	....	2	6	1	9
Released on Bail	....	5	....	1	6
Transferred to Hospital	....	....	4	....	4
Transferred to Hospital for the Mentally Ill	7	1	6	4	18
Transferred to Other Institutions	36	....	6	1	43
Returned to Gaols	11	37	12	2	62
Deported	....	....	....	....	....
Released or Transferred for Other Reasons	8	5	15	....	28
Escaped and Not Recaptured up to March 31, 1946	....	....	3	....	3
Escapees Incarcerated in Other Institutions	....	....	....	....	....
Died While in Custody	....	1	3	....	4
TOTAL NUMBER DISCHARGED, RELEASED, DIED, ETC.	1,714	1,118	1,001	307	4,140
NUMBER REMAINING IN CUSTODY, MARCH 31, 1946	890	253	763	138	2,044

TABLES No. 2 TO No. 8

THE FOLLOWING TABLES SHOW SOCIAL CONDITIONS; EDUCATIONAL STATUS; HABITS AS TO USE OF INTOXICANTS AND DRUGS; NATIONALITIES; OCCUPATIONS AND CRIMINAL HISTORY OF PRISONERS COMMITTED TO ONTARIO REFORMATORIES AND INDUSTRIAL FARM

	Ontario Reformatory, Guelph	Ontario Reformatory, Mimico	Industrial Farm, Burwash	Andrew Mercer Reformatory, Toronto	Total
2. Social Conditions					
Married	433	515	467	127	1,542
Single	1,260	580	532	98	2,470
Widowed	14	73	28	14	129
Divorced	11	16	9	11	47
3. Educational Status					
Illiterate	19	21	35	9	84
Elementary	1,202	830	709	181	2,922
High School	475	324	276	59	1,134
College or University	22	9	16	1	48
4. Habits as to Use of Intoxicants					
Abstainers	793	56	....	55	904
Temperate	578	206	455	82	1,321
Intemperate	347	922	581	113	1,963
5. Habits as to Use of Drugs					
Abstainers	1,718	1,147	966	224	4,055
Addicts	....	37	70	26	133
6. Nationalities					
Canadian-born	1,478	872	911	217	3,478
English	40	72	32	6	150
Irish	22	64	19	2	107
Scotch	34	81	11	3	129
United States	55	16	22	13	106
Other	89	79	41	9	218
7. Criminal History					
First Time	730	4	137	106	977
Second Time	457	31	102	52	642
Third Time	209	27	95	25	356
More than Third Time	322	258	682	67	1,329
No Record Available	....	864	20	....	884
8. Occupation					
Agricultural	161	123	107	....	391
Commercial	214	73	122	55	464
Domestic	....	221	73	137	431
Labourers	986	530	398	....	1,914
Mechanics	305	213	300	......	818
Professional	2	4	10	1	17
No Occupation	50	20	26	57	153

TABLES No. 9 AND No. 10

LENGTH OF SENTENCES RECEIVED BY PRISONERS COMMITTED IN THE ONTARIO REFORMATORIES AND INDUSTRIAL FARM, AND THEIR AGES

	Ontario Reformatory, Guelph	Ontario Reformatory, Mimico	Industrial Farm, Burwash	Andrew Mercer Reformatory, Toronto	Total
9. Ages of Prisoners					
14–19	817	....	20	66	903
20–24	370	108	326	61	865
25–29	127	104	224	31	486
30–34	92	101	131	30	354
35–39	90	142	94	20	346
40–44	57	172	92	13	334
45–49	60	176	73	14	323
50–54	44	143	30	11	228
55–59	36	97	21	4	158
60–64	14	80	14	....	108
65–69	7	41	9	....	57
70 and Over	4	20	2	....	26
10. Length of Sentences—					
Definite					
Under 30 Days	....	....	....	1	1
30 Days and Under 60	41	154	....	11	206
2 Months and Under 3	151	397	1	20	569
3 " " " 4	248	391	40	38	717
4 " " " 5	80	60	31	3	174
5 " " " 6	7	7	9	....	23
6 " " " 9	188	94	216	29	527
9 " " " 12	33	2	68	2	105
12 " " " 15	174	....	159	9	342
15 " " " 18	15	....	20	....	35
18 " " " 21	36	....	43	4	83
21 " " " 24	70	....	76	1	147
Miscellaneous	5	....	6	8	19
Indefinite					
3 Months to 6 Months	91	65	18	6	180
3 " " 9 "	14	5	....	....	19
3 " " 12 "	8	....	....	....	8
3 " " 18 "	....	....	....	....	....
3 " " 24 "	....	....	....	....	....
6 " " 9 "	63	9	37	1	110
6 " " 12 "	37	....	31	6	74
6 " " 18 "	8	....	7	....	15
6 " " 24 "	....	....	....	....	....
9 " " 12 "	30	....	26	1	57
9 " " 18 "	2	....	....	....	2
9 " " 24 "	....	....	....	....	....
12 " " 18 "	52	....	32	5	89
12 " " 24 "	19	....	13	1	33
18 " " 24 "	15	....	13	....	28
24 " " 36 "	15	....	7	....	22
24 " " 48 "	8	....	2	....	10
Miscellaneous	308	....	181	104	593

TABLES No. 11 TO No. 13

NUMBER OF PRISONERS WHO ESCAPED AND EVADED CAPTURE; NUMBER WHO ESCAPED AND WERE RECAPTURED; EMPLOYMENT OF PRISONERS, AND NUMBER OF OFFICERS AND EMPLOYEES

	Ontario Reformatory, Guelph	Ontario Reformatory, Mimico	Industrial Farm, Burwash	Andrew Mercer Reformatory. Toronto	Total
11. Escapes					
Escaped and Evaded Capture	....	....	3	....	3
Escaped and Were Recaptured	10	....	21	1	32
12. Employment of Prisoners in the Institution During the Year (Percentage)					
Clerical	2.29	1.25	1.	....	....
General Maintenance and Construction	26.53	32.75	40.	57.37	....
Sick	4.91	3.50	3.	2.69	....
Bush Operations	....	....	12.	....	....
School	3.88	....	....	....	....
Industrial	23.32	37.50	5.	38.05	....
Farm and Garden	17.24	25.00	14.	1.89	....
Land and Road Improvement	15.99	....	10.	....	....
Miscellaneous	5.84	....	15.	....	....
13. Number of Officers and Employees on March 31					
Superintendent	1	1	1	1	4
Physicians	2	1	1	1	5
Dentists	1	....	1	1	3
Veterinary Surgeon	....	....	....	....	....
Teachers	1	....	2	1	4
Bursars or Stewards	....	....	....	1	1
Storekeepers	....	....	1	1	2
Assistant Storekeepers	....	....	....	....	....
Accountants, Clerks, Stenographers, etc	12	4	9	4	29
Sergeants (Day)	2	2	1	....	5
Assistant Sergeants (Day)	1	1	3	....	5
Sergeants (Night)	1	....	....	....	1
Assistant Sergeants (Night)	....	....	1	....	1
Guards or Attendants (Day)	103	15	90	30	238
Guards or Attendants (Night)	40	14	48	2	104
Kitchen and Dining Room Help	2	1	1	1	5
Nurses	....	1	2	3	6
Farmers, Gardeners and Assistants	4	1	3	1	9
Engineers and Other Mechanical Help	11	3	6	7	27
All Other Employees	7	3	5	2	17
Totals	188	47	175	56	466

TABLE No. 14

OFFENCES FOR WHICH PRISONERS WERE COMMITTED DURING THE YEAR TO THE ONTARIO REFORMATORIES AND INDUSTRIAL FARM

	Ontario Reformatory, Guelph	Ontario Reformatory, Mimico	Industrial Farm, Burwash	Andrew Mercer Reformatory, Toronto	Total
A. Crimes Against the Person					
Abduction	1	....	1	....	2
Abortion	1	....	....	2	3
Assault, Common	7	11	3	1	22
Assault, Felonious	40	20	24	2	86
Attempted Suicide	1	....	4	2	7
Cutting and Wounding and Attempting Same	14	1	9	....	24
Shooting with Intent	4	....	....	....	4
Stabbing	....	....	....	....	....
Manslaughter	3	....	2	....	5
Carnal Knowledge	8	....	7	....	15
Incest	1	....	....	....	1
Rape and Assault with Intent	2	....	....	....	2
Totals	82	32	50	7	171
B. Crimes Against Property					
Arson and Incendiarism	4	....	1	....	5
Breaking and Entering and Theft	35	24	104	5	168
Breaking and Entering	....	6	51	2	59
Burglary	3	....	....	....	3
Housebreaking	88	3	3	....	94
Robbery	19	1	22	4	46
Forgery	27	4	22	7	60
Fraud	....	3	....	....	3
False Pretences	26	15	41	5	87
Shopbreaking	233	3	12	....	248
Theft of Cars	206	....	96	....	302
Taking without Owner's Consent	69	21	19	....	109
Larceny or Theft	245	179	208	35	667
Receiving Stolen Goods	40	12	58	3	113
Trespass	1	2	....	....	3
Damage to Property	....	....	....	....	....
Totals	996	273	637	61	1,967

TABLE No. 14 (Cont'd)

	Ontario Reformatory, Guelph	Ontario Reformatory, Mimico	Industrial Farm, Burwash	Andrew Mercer Reformatory, Toronto	Total
C. Crimes Against Public Morals and Decency					
Bigamy	8	1	6	3	18
Indecent Assault	22	5	15	....	42
Indecent Exposure or Other Indecent Act	17	4	13	....	34
Inmates and Frequenters of Houses of Ill-fame	....	....	....	1	1
Keeping Houses of Ill-fame	2	7	1	6	16
Juvenile Delinquency	19	20	11	8	58
Perjury	....	1	2	1	4
Prostitution	....	....	....	11	11
Seduction	1	....	1	....	2
Buggery	3	....	1	....	4
Non-support	....	....	....	....	....
Breach of Venereal Disease Prevention Act	....	....	....	....	....
Totals	72	38	50	30	190
D. Crimes Against Public Order and Peace					
Breach of Liquor Control Act	160	721	32	39	952
Breach of Excise Act	1	....	6	....	7
Breach of Narcotic or Drug Act	....	1	41	19	61
Breach of By-laws	....	....	....	....	....
Carrying Unlawful Weapons	16	5	10	....	31
Cruelty to Animals	1	....	....	....	1
Drunk and Disorderly	....	....	....	....	....
Escaping from Constable	....	....	....	....	....
Escaping from Prison	2	....	....	2	4
Gambling	....	....	....	....	....
Obstructing an Officer	1	3	5	....	9
Unlawful Shooting	....	....	....	....	....
Vagrancy	36	59	31	22	148
Civil Offences Against Wartime Regulations	24	10	11	1	46
Military Offences	184	3	99	....	286
Totals	425	802	235	83	1,545
E. Other Offences Not Enumerated Above—Totals	143	39	64	69	315
GRAND TOTALS—Totals of A, B, C, D and E	1,718	1,184	1,036	250	4,188

DEPARTMENT OF THE PROVINCIAL SECRETARY—REFORMATORIES AND PRISONS BRANCH
ONTARIO REFORMATORIES AND INDUSTRIAL FARM

COMPARISON OF AVERAGE MAINTENANCE COST PER DAY PER INMATE—For the Fiscal Year Ending March 31, 1945, and March 31, 1946

	ONTARIO REFORMATORY GUELPH		ONTARIO REFORMATORY MIMICO		MERCER REFORMATORY TORONTO		INDUSTRIAL FARM BURWASH	
	1945	1946	1945	1946	1945	1946	1945	1946
Days' Residence of Inmates	308,729	313,799	56,520	75,700	62,775	57,449	260,823	259,947
Average Number of Inmates	845.8	859.7	169.7	207.4	172.	157.4	714.6	712.2
EXPENDITURE								
Medicines	.0347	.0373	.0617	.0582	.0192	.0255	.0725	.0824
Provisions	.3549	.3136	.4203	.3358	.2825	.2954	.3205	.3814
Fuel, Light and Water	.0879	.0832	.1845	.1398	.1420	.1823	.0819	.0822
Clothing	.1051	.1014	.2347	.0903	.0249	.0271	.1056	.1348
Laundry and Cleaning	.0364	.0388	.0572	.0588	.0459	.0673	.0383	.0416
Furniture and Furnishings	.0214	.0251	.1343	.0377	.0382	.0178	.0174	.0273
Office Expenses	.0135	.0096	.0422	.0183	.0153	.0183	.0162	.0143
Farm	.0883	.1048	.0958	.2023	.0057	.0093	.1354	.1035
Contingencies	.0496	.0479	.0573	.0842	.0490	.0483	.0704	.0746
Salaries	.6172	.7158	.6976	.7897	.9486	1.1899	.6254	.7428
Repairs to Buildings	.0443	.0534	.1761	.1098	.0525	.0253	.1152	.1615
Industrial Operations	1.5216	1.4877	.3443	.5542	2.0894	2.4349	.0958	.0709
TOTAL EXPENDITURE PER CAPITA	2.9749	3.0186	2.5060	2.4791	3.7132	4.3414	1.6946	1.9173
REVENUE								
Custodial Revenue	.1861	.1960	.0987	.2104	.0478	.0853	.2670	.3140
Perquisites	.0197	.0176	.0312	.0261	.1358	.1415	.0980	.1300
Industrial Operations	1.6954	1.5255	.3788	.4470	2.2120	2.6211	.1005	.1402
Maintenance Recovery	.0169	.0219	....	....	....	....	....	....
TOTAL REVENUE PER CAPITA	1.9181	1.7610	.5087	.6835	2.3956	2.8479	.4655	.5842
NET PER CAPITA COST	1.0568	1.2576	1.9973	1.7956	1.3176	1.4935	1.2291	1.3331

	TOTAL EXPENDITURE		TOTAL REVENUE		TOTAL NO. OF DAYS' STAY	
	MAR. 31, 1945	MAR. 31, 1946	MAR. 31, 1945	MAR. 31, 1946	MAR. 31, 1945	MAR. 31, 1946
Ontario Reformatory, Guelph	$918,449.36	$947,240.61	$592,186.01	$552,600.66	308,729	313,799
Ontario Reformatory, Mimico	141,642.48	187,663.60	28,749.75	51,738.89	56,520	75,700
Mercer Reformatory, Toronto	233,099.31	249,406.70	150,385.83	163,605.70	62,775	57,449
Industrial Farm, Burwash	441,982.88	498,385.23	121,429.02	151,869.64	260,823	259,947
	$1,735,174.03	$1,882,696.14	$892,750.61	$919,814.89	688,847	706,895
Less Revenue	892,750.61	919,814.89				
TOTAL NET EXPENDITURE	$842,423.42	$962,881.25				

AVERAGE COST PER DIEM, 1944-45 .... $1.2229
AVERAGE COST PER DIEM, 1945-46 .... $1.3621

DEPARTMENT OF THE PROVINCIAL SECRETARY—REFORMATORIES AND PRISONS BRANCH
ONTARIO REFORMATORIES AND INDUSTRIAL FARM

COMPARATIVE EXPENDITURE AND REVENUE—For the Twelve Months Ending March 31, 1945, and March 31, 1946

	EXPENDITURE				REVENUE			
	March 31, 1945	March 31, 1946	Increase	Decrease	March 31, 1945	March 31, 1946	Increase	Decrease
Ontario Reformatory, Guelph:								
Salaries	$190,556.37	$224,596.68	$ 34,040.31		$ 6,088.83	$ 5,535.01		$ 553.82
General Maintenance	244,448.17	239,059.36		$ 5,388.81	62,656.61	68,361.34	$ 5,704.73	
Repairs to Buildings, etc.	13,665.40	16,746.79	3,081.39					
Industries	469,779.42	466,837.78		2,941.64	523,440.57	478,704.31		44,736.26
Ontario Reformatory, Mimico:								
Salaries	39,428.90	59,783.83	20,354.93		1,762.75	1,976.79	214.04	
General Maintenance	72,798.65	77,617.58	4,818.93		5,574.73	15,923.63	10,348.90	
Repairs to Buildings, etc.	9,955.08	8,308.35		1,646.73				
Industries	19,459.85	41,953.84	22,493.99		21,412.27	33,838.47	12,426.20	
Mercer Reformatory, Toronto:								
Salaries	59,550.64	68,361.62	8,810.98		8,526.01	8,128.56		397.45
General Maintenance	39,091.29	39,708.87	617.58		3,001.58	4,896.68	1,895.10	
Repairs to Buildings	3,292.95	1,456.17		1,836.78				
Industries	131,164.43	139,880.04	8,715.61		138,858.24	150,580.46	11,722.22	
Industrial Farm, Burwash:								
Salaries	163,136.86	193,068.81	29,931.95		25,572.76	33,795.02	8,222.26	
General Maintenance	223,814.57	244,909.10	21,094.53		69,650.70	81,624.17	11,973.47	
Repairs to Buildings	30,036.11	41,985.58	11,949.47					
Industries	24,995.34	18,421.74		6,573.60	26,205.56	36,450.45	10,244.89	
Totals	$1,735,174.03	$1,882,696.14	$165,909.67	$ 18,387.56	$892,750.61	$919,814.89	$ 72,751.81	$ 45,687.53

Increase in Ordinary Expenditure .... $147,522.11 Increase in Ordinary Revenue .... $ 27,064.28

REFORMATORIES

THE ONTARIO REFORMATORY, GUELPH

The attached statistical report of the Ontario Reformatory, Guelph, covers the fiscal year ending March 31, 1946.

During the year ending 31st March 1946 a total of 1,718 persons were admitted—a decrease of 63 from the previous year and a decrease of 621 from the year ending 31st March 1944. At first this would appear to contradict the general belief that a serious increase in crime has developed during the past two years, while the actual cause of this reduction is accounted for by the reopening of the Ontario Reformatory at Mimico, to which many of the confirmed alcoholics and other habitual offenders have been committed. During the war years it was found necessary to accommodate a considerable number of these offenders at this institution because of the absence of space elsewhere. In the year 1943–44 those committed for breach of the Liquor Control Act numbered 675 whereas during the past year 160 only have been admitted under these charges. As opposed to the decrease in this type of offender, the number of young offenders in the age group of twenty-one years or under has increased during the past two years from 953 in 1944 to 1,019 in 1946. Further proof of the increase of crime committed by young persons may be found by referring to the itemized table of charges:

Of the 1,718 admitted during the year—

730 or 42.48% were first offenders,
457 or 26.61% were second offenders,
209 or 12.16% were third offenders,
322 or 18.75% were fourth offenders or more.

These figures are obtained from Royal Canadian Mounted Police fingerprint records, sheriffs' reports and the inmates' own statements. They cannot be regarded as strictly accurate, as the inmate in many cases withholds information on non-indictable offences, suspended sentences and probationary periods. It is, therefore, safe to say that the foregoing figures are an understatement of the true picture.

Our records show that the number of first offenders is gradually increasing. Much discussion has taken place and many theories have been advanced in a sincere attempt to bring about a more properly balanced mind in these youthful offenders. Education, sports and recreation are being strongly advocated as means of correcting the warped perspective of these youths, and before many weeks have elapsed it is hoped and expected that an extensive program along these lines will be in full operation in this and similar institutions. This will fill a long required need and will go a long way towards improving the minds of those who have been the victims of poor upbringing. This must not, however, be interpreted to mean that all our youthful offenders are confined to the illiterates and the underprivileged or to those who have been denied the advantage of good recreational facilities. Nothing could be more misleading than to create such an impression. It is, of course, well known that children of parents who are financially poor are frequently found to possess a very high regard for the law and respect for their parents. Conversely, children of well-to-do or wealthy parents are frequently found to give vent to their criminal tendencies and to become serious problems. Similarly, children from financially poor—and even broken—homes are frequently good citizens, whereas children of outwardly normal homes are just as frequently found in our courts and reform institutions. It is not, therefore, necessarily the type of home but the type of parents that is all important. There are, no doubt, many contributing causes which may be held responsible for such a serious problem. Broken homes, irresponsible parents, illegitimacy, poor financial circumstances, war conditions generally, including excessive wages to mere children during the war years, the absence of the father on war service, are some of the causes advanced in explanation of the unbridled youth who finds his way into such institutions as this. All these causes, and more of a similar nature, are believed to have a direct bearing on our population, but it is contended that the greatest contributing factor and the one for which no excuse can be accepted is the irresponsibility of parents. While children are encouraged to show disrespect for their parents, the laws of their country and the laws of God, and just so long as children are led to believe that good manners and respect for constituted authority or for their parents is a decided sign of a weak character, they will continue to go their way and, in increasing numbers, show the world they are "tough" and "smart."

It is, perhaps, an opportune time to state here that over a period of the past twenty-five years, during which time a study has been made of many thousands of young and old offenders, never at any time has youth been found so insolent, so defiant, or so determined to do what is wrong as at the present time. Generally speaking, he is a confirmed believer in gang rule and will commit almost any offence while in the company of others of a similar character.

Associating with bad companions is frequently advanced by parents as a satisfactory excuse for the lawlessness of their son. It apparently never occurs to them that it is their responsibility to see that such a situation is never allowed to develop or that they have the full and important responsibility of guiding and teaching, impressing and, if necessary, disciplining the boy during the formative years of his life. Parents who have neglected this responsibility have neglected a sacred trust which is theirs to fulfil, and by so doing they have deprived their son of his rightful heritage. Consequently, he has no sound foundation upon which to build his life and it is little wonder that he drifts, without ballast or rudder, into one storm after another until he is finally handed over to our care. In many instances it is the first time in his existence that he has realized the full meaning of law and order. It is not the fault of such a boy that he finds himself in the custody of a reform institution—it is the fault of his parents who have failed dismally in their obligation.

If this type of parent could be impressed in the first place with the importance of good citizenship on their own part, and then with the equally important responsibility of engendering those principles in their children, the number of persons in custody would show a very marked decrease.

With this in mind it is strongly urged that the principles of good citizenship be emphasized wherever and whenever possible in all our institutions.

There is still another cause which cannot go unchallenged. It was about eighteen years ago when we were first introduced to a new psychology of not only permitting but encouraging self-expression. Under proper care and guidance this is to be commended, but there is no doubt that the theory has been grossly misinterpreted, with disastrous results in very many instances. It has been interpreted by many as a practical (and convenient) solution to all problems and an excellent alibi for the failure of many parents. It is, indeed, not unreasonable to say that we may now be feeling the results of such teachings.

Of the 457 second offenders, 372 had been shown compassion by the courts after they had been found guilty of the offence charged, but they had not been grateful nor did they benefit by being released on probation or on suspended sentence.

261 of this group had previously received suspended sentence; 26 had previously been placed on probation; 12 had previously been placed in industrial schools; 4 had previously paid fines; 69 had previously received a gaol sentence. Of the remaining 85 in this group, 84 had served a term in a reformatory and 1 had served a penitentiary sentence.

The table setting out the number of recidivists so far as this Reformatory is concerned should, perhaps, be amplified. If having served one sentence here he is readmitted, even the following day, he is assigned a new number and treated as a new admission. In this way it is possible for a man to be admitted a number of times in one year and each time he would appear in our recidivist table in a different column. It will be noted that 4 men have served sixteen previous sentences here. These unenviable records were built up in approximately five years. The table itself is as follows:

Ontario Reformatory, Guelph—

Once previously	227
Twice previously	88
3 times previously	23
4 " "	12
5 " "	8
6 " "	6
7 " "	5
8 " "	4
9 " "	3
10 " "	4
11 " "	1
13 " "	1
14 " "	2
16 " "	4
	388

It will be seen, therefore, that 22.5% of our total admissions represent our own known failures.

Of the 1,718 total admissions, 1,019 were twenty-one years of age or under. Of the 1,019—

349 or 34.25% were first offenders,
337 or 33.07% were second offenders,
156 or 15.31% were third offenders,
177 or 17.37% had received more than three previous convictions.

Breakdown of the 337 second offenders shows that:
195 had previously received suspended sentence,
17 had previously been placed on probation,
16 had previously been in industrial schools,
2 had previously paid fines,
45 had previously served a gaol sentence,
61 had previously served a sentence in a reformatory,
1 had previously served a sentence in a penitentiary.

Of the 1,019 youths within the age group of twenty-one years or under, 4 had records of having served a penitentiary sentence, while 76 or 6.8% of this group had been in an industrial school previously—

169 had been here once before,
62 had been here twice before,
7 had been here three times before,
1 had been here four times before—

a total of 239 or representing a 23.45% failure on our own admittance total. It must be noted, however, that this degree of failure must be spread over at least four or five years, as many had conducted themselves in a lawful manner for varying periods up to that time.

In this respect we have consulted our records for the past ten years and we find that in 1936, 1937, 1938, 1939 and 1940 the recidivist percentage to our own institution averaged approximately 14%. This percentage took a tremendous jump in 1941, 1942, 1943 and 1944, averaging in those years 34%. However, conditions during this period have changed, and many of our admittances were recidivist alcoholics in a much older age group than that under discussion. This was noted and was rectified in the annual report of 1945, when the group 15–21 were isolated from the main group and a separate statistical report compiled. In this group we found that 24.7% were our own failures. This really allows us to assume that it is possible in the five years preceding 1941, plus the year 1945, our reformative institution was successful in approximately 85% of our committals in this age group, and most likely the percentage is higher because the figures provided in the years 1936, 1937, 1938, 1939 and 1940 are for the total population, regardless of age groups.

All inmates entering the institution with sentences in excess of three months definite and all those with parole sentences were given intelligence tests. Those who could read and write English were given the Columbia test, and the Army Beta test was given to those who were unable to read and write English; consequently—

886 were given the Columbia tests, and
151 were given Army Beta tests.

1,037

Analyzing the results of these tests, we find that—
105 or 10.13% are mental defectives,
130 or 12.54% are borderline,
338 or 32.59% are dull normal,
445 or 42.91% are normal,
19 or 1.83% are superior.

1,037 or 100.0%

Educational tests were given to 743. Of these—
697 or 93.81% were found to have an educational standing lower than their own statement,
30 or 4.04% showed an education equal to their own statement, and
16 or 2.15% showed an education superior to their own statement.

Commencing in September and following through the winter and beyond the end of the fiscal year, educational and instructional classes were held with considerable success. Subsequently, it was found that the 11 students who sat for their entrance examinations succeeded in passing, 6 of them with honours.

EDUCATION AND INSTRUCTION

SUMMARY OF ATTENDANCE—Months September to June Inclusive

	Actual Attendance (Days)	Perfect Attendance (Days)	Average Attendance	Percentage Attendance
Grade X	328	338	1.73	100.00
Grade IX	681	712	3.49	95.68
Grade XIII	2,480	2,527	12.72	98.14
Intermediate	2,664	2,706	13.66	98.44
Illiterate	2,021	2,080	10.36	97.16
	8,174	8,363	41.96	97.88

In addition to academic studies, instruction in trades and occupations were given as shown in the following table:

	Actual Attendance (Days)	Perfect Attendance (Days)	Average Attendance	Number of Classes	Number Receiving Instructions
Shorthand and Typing	398	442	7.96	50	42
Bookkeeping	165	176	6.88	24	23
Tailoring	336	357	8.20	41	13
Barbering	318	325	4.36	73	15
General Review	84	90	2.21	38	7
Study	262	284	5.82	45	26
Electricity	319	347	7.54	41	42
Laundry	189	213	8.22	23	19
Totals	2,071	2,234	6.18	335	187

Physical training was continued throughout the year on five evenings per week. Softball, basketball, boxing, track and field events were encouraged and engaged in during the year, and a number of outside teams came to the institution on a number of occasions.

3,531 library books were received from a number of public libraries and the Canadian Legion, and we are most grateful to those responsible for this thoughtful and acceptable contribution to the welfare of the inmates.

There were 10 inmates escaped and all were recaptured.

The health of the inmates generally throughout the year was good, with the exception of a short period in the months of February and March when a number of cases of influenza brought our hospital population to capacity. There were no serious cases, however, and there were no epidemics of any kind. There were no deaths during the year. There were 22 major operations and 9 minor operations performed on inmates from this institution in St. Joseph's Hospital, Guelph.

All industrial departments were in operation throughout the year. The total industrial revenue was $480,622.94, which is a decrease of $38,169.70 from the preceding year. This decrease is primarily due to the sharp reduction in our cannery operations occasioned by the fruit crop having been adversely affected by weather conditions in the spring.

On the farm our field crops were fairly good and our total farm recoveries were $64,049.75, an increase of $1,717.13 over the previous year. 384 hogs and 10 sows were sold, realizing a return of $11,493.02. Our milk production was 902,531 pounds with a monetary value of $22,261.78. The garden crops amounted to 976,047 pounds with a monetary return of $13,885.99. The field crops had a value of $12,187.89, which is an increase of $2,464.44 over the previous year.

The contributions of many generous minded people by providing religious services and spiritual advice throughout the year are gratefully acknowledged, as also are the activities of those who provided entertainment from time to time.

We appreciate the advice and counsel, the assistance and courtesy extended by the Honourable Mr. Dunbar, yourself and all members of your Department with whom we have had dealings throughout the year.

G. Hedley Basher,

Acting Superintendent

INDUSTRIAL FARM, BURWASH

Attached is a statistical report of the Industrial Farm, Burwash, for the year ending March 31, 1946.

Admissions during the year, 1,036. The number discharged during the year, was 1,001. Inmates remaining in custody at the end of the year numbered 763. 24 inmates escaped custody, 21 of whom were recaptured. 3 inmates died while in custody. The average daily population was 712.2.

The general health of the inmates was of a high standard. 17 major and 59 minor operations were performed. 316 inmates admitted to hospital.

It is with regret that I report the sudden death of Dr. F. C. Cliff, our resident physician. His passing was keenly felt by all inmates and members of the staff. Our deepest sympathy is extended to Mrs. Cliff and the family in their bereavement.

Discipline was maintained throughout the year. Staff changes, however, were numerous owing to the lack of housing accommodation and our inability to obtain building supplies.

A construction program of five 4-apartment dwellings was started; one building is completed and occupied, four others are now in various stages of construction. Inmate labour employed throughout under skilled instructors in all branches of work—concrete and carpentry work, installation of heating, plumbing, wiring, etc. The training gained by inmates in this work will be of some practical use to them on their return to civil life.

Approximately 14% of the inmate population was employed at farm work and gardening. This includes all farming activities, also the care of our dairy herd and other livestock.

Hay and grain crops, fair. Root crops, poor. We, however, harvested about 1,200 bags of Grade Foundation "A" potatoes to be used as seed the following year. Farm returns, $82,307.17.

New wood silo was erected at Camp 1 barn.

150 acres of land brushed and stumped ready for ploughing. A new cattle range of approximately 200 acres was cleared and fenced.

Wood fuel and lumber operations resulted in 20,000 saw logs, cut and hauled to the sawmill, also 3,000 cords of wood fuel obtained for use in staff residences and boiler rooms. Revenue from sawmill operations, $14,698.68.

Reforestation of burned and "cut-over" areas was started with the planting of 100,000 trees, mostly spruce and red pine, a few cedar and poplar. Good results noted on a recent inspection.

A group of men were employed for four months on railroad maintenance.

Recreation for inmates, baseball, field sports and picture shows; inmates supply their own talent. A new baseball ground has been laid out and approximately 80% completed. Hopes are that this playing field will be open for use during the coming year.

It is hoped to obtain the services of a school teacher able to assist a number of inmates who are at present taking a correspondence course through the Department of Education. This would give some encouragement to a number of our inmates to prepare themselves for release. School books are available to all inmates through our library.

Our sincere thanks are extended to all spiritual advisers for the work carried on by them amongst inmates and personnel.

Consideration and assistance extended to us by the Hon. G. H. Dunbar is greatly appreciated. I also wish to express my appreciation for the understanding and help extended by you and the members of your staff to the officials here.

W. L. McJannet,
Superintendent

ONTARIO REFORMATORY, MIMICO

I have the honour to submit the annual statistical report and summary of training in domestic, agricultural and industrial work at this institution for the fiscal year ending March 31, 1946.

During the year 1,184 inmates were committed to this institution, mostly for minor offences and all for short terms. 1,117 inmates were released, 1 died, and 253 remained in custody. Of the admissions, 721 or 60.9% were for breaches of The Liquor Control Act; 179 or 15.1% for theft; 94 or 8% for various frauds; 13 or 1.1% for breaches of Wartime Acts; 43 or 3.1% for crimes of violence of a minor nature, and 134 or 11.8% for miscellaneous offences such as vagrancy, non-support, etc.

Discipline has been maintained with few infractions of a minor nature. There were no escapes during the year.

Considering the poor physical condition of many of the inmates on admission, due in many instances to drinking bad substitutes for liquor, the general health has been good. Six inmates were admitted to hospitals for treatment beyond our facilities, or as a precautionary measure. No epidemics or serious accidents occurred. During the year one inmate died suddenly—cause of death, coronary thrombosis. The Ontario Hospital, New Toronto, has kindly furnished X-ray examinations when required, and Dr. E. B. Sisley of New Toronto has taken care of our dental requirements.

During the year it was found necessary to open one of the temporary military buildings to take care of increased population, and steps are being taken to prepare another. If our population is expected to continue at the present level, or increase, I would recommend consideration be given to the erection of a permanent building to include chapel, storerooms, recreation room, schoolroom, etc., not provided in the present main building. This could be erected to the north of the main building and within the enclosure erected during the military occupancy.

The Department of Public Works installed a H.R.T. boiler in our power house during the past winter to replace an old type water tube boiler installed many years ago and which was never very satisfactory. This has solved our heating and hot water problem, as well as providing more steam for the mill driers, thereby permitting faster drying of the green clay products.

The farm suffered a severe loss last fall in the destruction of our main barn by fire. The fire was noticed about 10 o'clock in the morning, October 18. The local fire brigades were immediately notified and responded promptly. However, due to low water pressure and the large quantities of hay and straw in the building, the top part of the barn was a total loss. Due to prompt action by the firemen and the wind in a favourable direction, the hog pens and other farm buildings were saved. Fortunately all livestock was removed without loss of life. An investigation was immediately opened by the Fire Marshal's Department. An inmate admitted starting the fire, was taken to court and sentenced to five years in the penitentiary. Immediate steps were taken to rebuild the barn on a smaller scale with inmate labour and a competent foreman. Shortages of materials, particularly nails and sheet metal, have delayed completion several months. Luckily the barn and stables on the annex property were available with some overflow hay and straw in storage; so, with the erection of a small milk house, we were able to carry on during rebuilding operations. Chickens are raised extensively; the eggs help out in the kitchen during the meat shortage, and the dressed poultry is sold to other institutions. Large numbers of hogs are raised and shipped to the abattoir at Guelph, Ont.

From the nucleus of a small Holstein herd secured from the Ontario Reformatory, Guelph, and the Industrial Farm, Burwash, a very good herd of dairy cattle is being built up. Already a few animals stand high in their respective classes in the Canadian Record of Performance Records.

While the 1945 season was a poor year for agricultural crops, frequent heavy rains making our heavy clay land difficult to work, our hay and grain crops were fair. The following production from our small farm is interesting:

3,858 doz.	Eggs	Valued at $2,182.55 at institution prices
512 only	Chickens	
201 only	Hogs	6,281.22 at market prices
31 tons	Vegetables	855.00 at institution prices
184,982 lbs.	Milk	5,419.24 at market prices
2,930 bus.	Grain	1,424.00 at institution prices
200 tons	Hay and Straw	1,450.00 at institution prices
50 tons	Potatoes	1,250.00 at institution prices
32 tons	Root Crops	135.00 at institution prices

Production in the mill has been slowed down owing to numerous breakdowns and difficulty in securing repairs for our old and worn-out equipment. Steps are being taken to modernize this plant. The following is the production for the year:

513,500 pcs.	Agricultural Tile—various sizes
198,000	Common Brick
273,000	Tapestry Brick
110,000	Structural Tile—various sizes
31,500	Floor and Wall Tile—various sizes

INSTRUCTIONAL WORK

Many of the inmates admitted are aged and broken in health and have neither the desire nor the ability to learn anything useful. A school is not attempted, but an effort is made to furnish some useful training and instruction in the various operations of the institution kitchen, farm, engineering plant, and brick and tile plant. As all inmates now admitted are for short terms only, they are not here long enough to learn very much after their health is improved.

Custodial

A large number of inmates are employed in the kitchen under a competent chef. Instruction is given in preparation and cooking food. A few inmates have taken up such work on release due to training received here.

We usually have inmates sufficiently skilled in tailoring, cleaning and pressing, shoemaking, barbering, etc., to take care of the institution needs and furnish some instruction to other inmates under the supervision of an officer.

Central Heating Plant or Power House

This plant is in charge of a qualified stationary engineer and an assistant. Training is given in firing boilers, boiler-room maintenance, steamfitting, plumbing, electric wiring, and such general maintenance. A few inmates have secured Fourth Class Engineers Certificates on the training received in this plant.

It is hoped to secure the services of a carpenter guard able to read blueprints and give instruction in carpentry and painting. At present the institution is dependent on skilled inmates to take charge of such maintenance and repair work under supervision of an officer.

A guard skilled in bricklaying is furnishing instruction and training in such work in building new kilns, rebuilding old kilns and new construction.

Some training is provided in machine blacksmith work by the foreman of the machine shop. It is difficult to get blacksmith work done, especially horseshoeing. This may in time cause the institution to abandon horses for farm work and rely on tractors.

Much useful training is given in the various farm activities by a competent farmer and assistant—in tilling the soil, harvesting crops, care and feeding of cattle, hogs, horses and chickens. The farmer is well qualified in the care of livestock, as the progress of the past two years would indicate.

Industrial

The brick and tile plant was originally designed to provide the maximum amount of labour. Steps are now being taken to modernize throughout by providing power equipment to mine the clay and shale; replacing the old and worn-out machinery in the mill with more modern and efficient equipment, thereby furnishing training that will enable an inmate to fit into a modern mass production plant. Some machinery is now on order. However, due to present unsettled labour conditions, it is not expected these improvements will be completed for several months.

Under a competent ceramic burner much useful instruction is given in setting kilns and burning the clay products.

Machine Shop

Steps are being taken to modernize the machine shop. Some new machinery has been secured and more machinery is on order. However, as in the case of the clay-working machinery, unsettled labour conditions have delayed delivery. When improvements under way are effected, it will be possible to furnish some inmates with a good general knowledge of general machine shop work.

* * *

We are grateful to the Salvation Army and Rev. Father McGrath who, during the year, provided religious services and spiritual guidance for our inmates and the Salvation Army for furnishing movies and entertainment.

In conclusion, I wish to thank the Hon. Mr. G. H. Dunbar, yourself and staff for kindly counsel and consideration given during the year. I wish to commend the staff of this institution for loyalty and co-operation during the difficulties experienced in becoming re-established during wartime and post-war unsettled conditions.

J. R. Elliott,
Superintendent

MERCER REFORMATORY, TORONTO

I have the honour to submit to you the annual report of the Andrew Mercer Reformatory for the year ending March 31, 1946.

Commitments numbered 250, a decrease of 32 from the preceding year. Ages were as follows:

2 were 15 years of age
10 " 16 " " "
17 " 17 " " "
23 " 18 " " "
14 " 19 " " "
16 were 20 years of age
18 " 21 " " "
11 " 22 " " "
4 " 23 " " "
12 " 24 " " "

and in the following groups:

31 were 25 to 29 years
30 " 30 " 34 "
20 " 35 " 39 "
13 " 40 " 44 "
14 were 45 to 49 years
11 " 50 " 54 "
4 " 55 " 59 "

Number convicted for the first time	106
Number convicted for the second time	52
Number convicted for the third time	25
Number convicted for more than third time	67

Several women have been committed over twenty times to one, two or three months, and this type of sentence gives us no opportunity of really helping the inmate so far as reformation is concerned; the best we can do is feed, clean and care for her health.

The year's garden crop was very poor due to an excessively wet, cold spell in the early planting season. The products were: cabbage, 1,000 lbs.; cauliflower, 505 lbs.; spinach, 520 lbs.; beets, 1,300 lbs.; leeks, 200 lbs.; carrots, 5,000 lbs.; peas, 240 lbs.; lettuce, 470 lbs.; onions, 1,420 lbs.; turnips, 640 lbs.; asparagus, 113 lbs.; beans, 560 lbs.; tomatoes, 1,020 lbs.; potatoes, 1,200 lbs. The garden work is attended to by a matron with several inmates, under the supervision of the gardener.

The school has been carried on as in former years. One of the most important duties of a reformatory school teacher is the study of the individual whose intelligence test and educational record indicate the possibility of further instruction. The library continues to be widely used, and inmates frequently in their letters refer to the books they have read. The library consists of about 3,000 volumes, which are used books from the Toronto Public Library. Many of these should now be replaced because they are worn.

Principal recreations are movies, concerts, radio in each corridor, cards and other games, as well as outdoor sports—softball and croquet.

Painting and general repairs within the institution have been made throughout the year as required to keep the building in proper condition. The outside of the building is in need of some repairs and should be painted; the general public is liable to judge the institution by the outward appearance.

Industrial training is carried on in the various departments. In the sewing room the inmates are taught to make dresses, underwear and how to darn; are given instruction in hemstitching, embroidery, crocheting and tatting. They also make there the rag rugs used in the institution. In their recreation periods the inmates continue to knit for displaced European children, and since the end of hostilities they have made almost 700 garments: sweaters, socks, mitts, also afghans. The factory has continued to operate as in the past years, despite the difficulty in obtaining materials.

The laundry work is done in three bright, well-ventilated rooms, and each section is well equipped: one steam boiling-tub, three washers, two extractors, electric drier, one starch boiler and one soap boiler; the mangle room has two mangles, stocking driers (the folding and packing are done in an adjoining room); the ironing room is well equipped with electric irons, metal ironing tables and three steam presses. Laundry work is done for several provincial institutions.

Those requiring treatment have had the services of our able medical staff. The following lists give numbers of examinations and treatments: physical examinations, 296; sick parade, 7,425; mental examinations, 11; intelligence tests, 63; blood tests, 477; spinals, 95. Treatments: penicillin, 465; tryparsemide, 24; bismarsen, 98; bismuth, 1,321; mapharsen, 2,333. I am glad to be able to report that no death occurred. Fourteen infants were born to inmates during the year.

Inmates appreciate the excellent dental service given them, and most are anxious to take advantage of the opportunity to have necessary dental attention. The work was as follows: patients seen, 740; examinations only, 330; extractions, 346; local anaesthetics, 260; fillings, 121; treatments, 95; prophylaxis, 17; dentures, 8.

The spirit prevalent among the inmates during the year tends to show the willingness to co-operate with the administration in its plan for their future. Only one escaped from the institution, and she was returned in half an hour.

In concluding this report I wish to express appreciation of the assistance and co-operation received from many sources during the year. To the officers and employees of the institution I extend my thanks for their help in its successful operation. I wish particularly to mention the valuable assistance given us on every occasion by you, sir, and other officials in your Department.

We have had many visitors from other organizations, who have expressed confidence in the work we are doing. To them, and to many others who have helped us, I extend our thanks.

J. Milne,

Superintendent

BOARD OF PAROLE

ANNUAL REPORT OF THE ONTARIO BOARD OF PAROLE

For the Year Ending March 31, 1946

Under Sec. 43, Chap. 163, known as The Prisons and Reformatories Act, Revised Statutes of Canada, the Lieutenant-Governor of the Province of Ontario has power to appoint a Board of Parole for the said Province, whose duty it is to enquire from time to time into cases of prisoners sentenced to the Ontario Reformatory, the Andrew Mercer Reformatory, Industrial Refuge for Females, or any industrial farm; and where, as a result of such enquiry, the Board thinks proper, it may permit prisoners serving indeterminate sentences to be paroled under conditions approved by the Minister of Justice. Upon admission of such a prisoner to one of these institutions, the Superintendent sends all the information available regarding the prisoner and his case to the office of the Ontario Parole Board. This information includes the facts respecting the offence committed, the sentence given, the name of the magistrate, previous record as far as it is available at that time, the name and address of near relatives, and information regarding prospective employment in case parole is granted during the sentence. A report is obtained from the court which passed sentence, and the past history of the prisoner is ascertained and investigated through this office.

The prisoner is then listed for a personal appearance before the Board and a hearing at a date prior to the termination of the definite portion of his sentence. The Board has before it, at the time of interview, a summary of the prisoner's file and is ready to deal with the case, and the prisoner answers the questions which are asked by the Board, and he has an opportunity to present any statement which he wishes to make.

It should be noted that prisoners serving indeterminate sentences are brought before the Board irrespective of conduct and progress made while in the institution, but the Superintendent of the institution, or his representative, is present at the hearing to give all information available, including conduct, industry, faithfulness and compliance with the rules of the institution.

Although parole may be authorized in any case, it cannot be made effective until satisfactory employment is provided for the prisoner when he is ready to be paroled. He is required to have his prospective employer send to the Parole Officer a written guarantee of employment, which is investigated. Other conditions are taken into consideration, such as hours of employment, living conditions, and if such are judged satisfactory the parole documents are completed with the signature of the Chief Officer, then by the prisoner's signature and that of the Superintendent of the institution; the prisoner being given a copy of the parole documents and the required report forms which he must complete monthly during the balance of the sentence.

The police of the district in which the prisoner is to reside and work are advised that he has been placed on parole, and they are requested to give supervision and assist the prisoner in becoming re-established as a good citizen. The Parole Officers also visit the parolee from time to time and give whatever assistance and advice are required.

If the prisoner violates the conditions of parole, he may immediately be placed in custody and returned to one of the reformatories or industrial farms and answer for his actions and make any statements he cares to present. The Board has authority to revoke the parole or replace him on parole as may be advisable in exceptional cases.

The past year saw the cessation of hostilities in Europe, and the restlessness and unsettled condition caused by a reconstruction period continued, although there is again a slight decrease in the number of failures over last year.

The work of the Board and Parole Office has greatly increased. Files were prepared for 60 meetings. Besides the usual meetings held at the Ontario Reformatory, Guelph; Ontario Reformatory, Mimico; Industrial Farm, Burwash, and the Mercer Reformatory, those serving indeterminate sentences at the Good Shepherd Industrial Refuge, 14 West Lodge, Toronto, and the Good Shepherd Industrial Refuge at Minnow Lake are interviewed. 1,087 cases were interviewed for the Remission Service, Department of Justice, in connection with ticket-of-leave.

The following are the statistics for the past three years:

	1944	**1945**	**1946**
Number of meetings held	35	45	60
Cases investigated for parole	1,133	1,449	1,355
Paroles authorized	635	795	728
Paroles put into effect	508	729	643
Reconvicted while on parole	46	55	37
Sent back and parole cancelled	26	21	26
Disappeared while on parole	14	43	35
TOTAL FAILURES	86	119	98
Failures Percentage	17%	16.3%	15.2%

STATEMENT—For Year Ending March 31, 1946

RE-CONVICTED:			
Paroled previous to March 31, 1945	11		
Paroled during the fiscal year	37	48	
DISAPPEARED:			
Paroled previous to March 31, 1945	10		
Paroled during the fiscal year	35	45	
SENT BACK AND PAROLE CANCELLED:			
Paroled previous to March 31, 1945	13		
Paroled during the fiscal year	26	39	132
TOTAL FAILURES:			
Paroled previous to March 31, 1945	34		
Paroled during the fiscal year	98		132
PAROLED:			
Men	523		
Women and girls	120	643	
Failures			15.2%

270 females were interviewed and 120 of these were paroled; 28 violated their parole, showing a failure of 23.3%. 1,085 males were interviewed and 523 paroled; of these 70 violated their parole, showing failure of 13.4%.

During the year some changes took place in the Board and staff. In September, after some ten years of service, Mr. C. F. Swayze retired, and Mr. Grant Potter of the Prisons and Reformatories Branch was appointed as Secretary and Fl./Lt. P. D. Cameron a Parole Inspector. On January 1, Capt. George M. Dix was appointed Chairman and Chief Parole Officer on the retirement of Mr. W. B. Common of the Attorney-General's Department, whose heavy duties in the appeal courts and as counsel in the Attorney-General's Department made it impossible for him to give the time he would have wished to the parole work. Capt. Dix comes to the Board with a lengthy experience, having been a padre in the first Great War and for a number of years Director of the Soldiers Settlement Board at Ottawa.

Many ex-prisoners of gaols and other penal institutions call at the parole office for assistance, guidance and advice. Some 800 were helped by being given lodgings, employment secured, transportation provided to employment, meals, tobacco, etc., through the Prisoners' Rehabilitation Fund.

The Board is again indebted for the continued co-operation and assistance given by the officials and officers of the Provincial Police, R.C.M.P., Chief Constables in the Province, National Selective Service, Salvation Army, welfare and other social organizations.

Geo. M. Dix, *Chairman*
W. A. Bunton
J. P. Balharrie
W. R. McConnell
R. A. Jeffery
S. A. Melrose

THE SALVATION ARMY

REPORT OF PRISON, JAIL AND POLICE COURT WORK IN ONTARIO

For the Year Ended December 31, 1945

In presenting the annual report of the police court and prison work of The Salvation Army for the Province of Ontario for the year ending December 31, 1945, we desire to state we are highly appreciative of the many facilities provided by the court authorities and government officials for the effective carrying on of our work. The co-operation thus afforded has been an important factor in the success that has attended our efforts on behalf of prisoners and their dependents.

Major Louis Smith regularly visits the courts in Toronto in the interests of men who have violated the law; and, by means of interviews before or after the trial, by addressing the court during the trial, and by offers of care for the prisoner if discharged, valuable work is done for the prisoner as well as for his family. A similar service is rendered by Captain Dorothy Holmes in connection with the Toronto women's courts and Juvenile Court; also our officers in practically every city and town visit their local courts.

Magistrates frequently avail themselves of the Army's facilities for caring for those in trouble, by handing over to the care of our officers men and women from the police courts. These are provided for in the Army's institutions until employment is secured, or those having homes or friends are restored to them. Personal contact is maintained by visiting these persons in their homes or meeting them at the Army's headquarters, and this method is a strong factor in their rehabilitation.

One of the difficulties confronting discharged prisoners in obtaining employment is the lack of suitable clothing. A shabby appearance is not helpful to obtaining a job, but we do our best to remedy any defect in this direction by supplying the men and women with presentable attire. It is a greater problem today owing to the demand for clothing to be sent overseas.

In addition to food and shelter, transportation—to a limited extent—is provided when work or a suitable domicile has been secured. As far as possible each man and woman is dealt with individually, and in this way many hundreds of former prisoners have been assisted to rehabilitate themselves.

By reason of the fact that The Salvation Army has centres of operation in almost all the towns and cities of Ontario, the organization is in a favourable position to help restore men and women to their homes and friends outside the city of Toronto, and in this work Army officers stationed in the Province co-operate splendidly with those in the Capital.

It is encouraging to note that out of the many hundreds of men and women who pass through our hands from the police courts, a very small percentage relapse into crime. A number of these men and women have been brought to us by the police, but the only charge against them is that of being homeless. We readily receive them into our homes and hostels, and in scores of cases kindness is the keynote.

The sad factor is that ninety-nine per cent of the major crimes seem to be found away back in the home life. I have come to the conclusion if we are to have a decrease in crime, the home, school and church must be prepared to play a great part in curbing juvenile delinquency.

Our officers are regularly in touch with the men in Burwash, Mimico, Guelph and the Don Jail, also the women in the Don Jail and Mercer. The Ontario Hospitals at Concord and Langstaff are also visited by members of our staff.

In closing, I want to put on record our gratitude and thanks to superintendents and officials of the various institutions, also to magistrates and Crown Attorney, for their real kindness and help in cases where they feel that mercy can be extended yet justice done. I want also to refer to the consideration shown by the officials at the Parliament Buildings, Honourable George Dunbar, Mr. C. F. Neelands, also Honourable Leslie Blackwell, the Attorney-General, and others who give us the opportunity to be of service.

The following officers are doing full-time service in the prison and police court work:

Burwash Industrial Farm	Major and Mrs. H. Everitt
Guelph	Major and Mrs. J. Woolcott
Kingston	Major and Mrs. A. Waters
Hamilton	Major and Mrs. Kirbyson

REPORT OF PRISONS, GAOLS AND POLICE COURT WORK

For the Province of Ontario, Year Ending December 31, 1945

Visits to jails, prisons and police courts, including visits when services are held	11,533
Interviews with men	24,980
Religious services conducted in prison and jails	2,661
Men handed to The Salvation Army, met on discharge, or who have come direct to the prison office	1,737
Meals and beds supplied free	19,033
Letters written, or calls made by phone in order to bring about reconciliation, or secure employment for discharged men	17,997
Visits to homes, also prospective employers on behalf of prisoners	4,090
Employment secured, returned to former jobs, or sent back to friends or parents, mostly from the police court	3,919
Number provided with clothing	1,642

Gifts are given to men and women at Christmas at all prisons and jails.

STATEMENT OF INCOME AND EXPENDITURE

For the Fiscal Year Ended December 31, 1945

To Expenditure			By Income	
Assistance to prisoners and dependents.		$ 4,330.21	Grants:	
Expenses of officers engaged in prison and police court work			Province of Ontario..	$ 7,500.00
Toronto:			City of Toronto	2,000.00
Head Office—salaries, rents, office expenses, travelling, etc		2,432.10	City of Kingston	247.50
Burwash:			Donations	529.00
Salaries	$1,298.00			
Rent and water rates	61.00			
Incidentals	388.81	1,747.81		
Guelph:				
Salaries	$1,547.00			
Rents	450.00			
Incidentals	430.02	2,427.02		
Kingston:				
Salaries	$ 738.00			
Travelling	230.90			
Incidentals	113.22	1,082.12		
Toronto—Men's Section:				
Salaries	$2,299.50			
Rents	600.00			
Incidentals	1,145.55	4,045.05		
Toronto—Women's Section:				
Salaries	$ 636.75			
Rents	300.00			
Incidentals	442.05	1,378.80	Deficit	7,166.61
		$17,443.11		$17,443.11

ANNUAL REPORT UPON THE

GAOLS OF ONTARIO

FOR THE YEAR ENDING MARCH 31, 1946

1. City gaols (Toronto and Hamilton)	2
County gaols	35
District gaols	9
TOTAL NUMBER OF GAOLS IN ONTARIO	46

2. Total expenditure for gaol maintenance in Ontario:

For year ending March 31, 1945	$798,885.91
For year ending March 31, 1946	915,020.87

3. Average maintenance cost per day per prisoner:

For year ending March 31, 1945	1.96
For year ending March 31, 1946	2.02

4. Average dietary cost per day per prisoner:

For year ending March 31, 1945	.1978
For year ending March 31, 1946	.2100

5. Number of prisoners committed:

For year ending March 31, 1945	26,299
For year ending March 31, 1946	29,409
INCREASE	3,110

6. Number of prisoners sentenced:

For year ending March 31, 1945	19,132
For year ending March 31, 1946	21,614
INCREASE	2,482

COMMITMENTS

	1944-45	1945-46	DECREASE	INCREASE
Murder	30	32	....	2
Manslaughter	30	39	....	9
Crimes:				
Against the person	1,145	1,502	....	357
Against property	6,933	7,645	....	712
Against public morals and decency	1,055	1,240	....	185
Against order and peace	16,049	17,566	....	1,517
Mentally ill	376	441	....	65
Number of days' stay of prisoners	407,200	453,620	....	46,420
Escapes	30	31	....	1
Escaped and captured	25	29	....	4
Deaths in gaols	7	5	2	....

THE FOLLOWING TABLES SHOW TOTAL SEX, SOCIAL CONDITIONS, HABITS AND EDUCATIONAL STATUS OF ALL PRISONERS COMMITTED

Sex	1944-45	1945-46
Male	23,933	26,782
Female	2,366	2,627
Social Conditions		
Married	9,831	11,688
Unmarried	16,468	17,721
Habits		
Temperate	9,910	11,642
Intemperate	16,389	17,767
Educational		
Could read or write	25,612	28,725
Could neither read nor write	687	684

THE FOLLOWING TABLE SHOWS THE NATIONALITY, OCCUPATIONS AND AGES OF ALL PRISONERS COMMITTED

Nationality	1944-45	1945-46
Canadian-born	21,463	24,637
English	1,064	1,076
Irish	627	623
Scotch	871	814
United States	506	571
Other countries	1,768	1,688
Occupation		
Agricultural	759	803
Commercial	1,810	3,654
Domestic	1,843	2,088
Labourers	15,267	15,678
Mechanics	3,478	3,863
Professional	282	356
Soldiers	1,868	1,739
Sailors	338	394
No occupation	654	834
Ages of Prisoners Committed		
Under 16 years	287	211
16 years to 19	4,431	4,553
20 years to 24	4,378	5,067
25 years to 29	2,965	3,513
30 years to 34	2,636	2,951
35 years to 39	2,448	2,957
40 years to 49	4,618	5,150
50 years to 59	3,042	3,049
60 years to 69	1,180	1,565
70 years and over	314	393

Number of Times Committed

	1944-45	PERCENT.	1945-46	PERCENT.
First time	13,230	50.3%	15,773	53.6%
Second time	4,252	16.2	4,646	15.8
Third time	2,271	8.6	2,595	8.8
Fourth time	6,546	24.9	6,395	21.8%

NUMBER OF PRISONERS COMMITTED REPORTED AS DRUG ADDICTS

Brockville	1	Toronto	130
Cornwall	2	Welland	1
Hamilton	8	Windsor	2
Kitchener	2	Bracebridge	3
Ottawa	2	Haileybury	1
Stratford	1		
			153

NUMBER OF PRISONERS SENTENCED TO CORPORAL PUNISHMENT

Barrie	1	Owen Sound	1
Brampton	1	Pembroke	2
Brantford	2	St. Thomas	2
Brockville	4	Simcoe	3
Hamilton	4	Toronto	16
Kingston	3	Walkerton	1
Kitchener	3	Welland	3
Lindsay	4	Windsor	3
London	1	Parry Sound	3
Milton	3	Sault Ste. Marie	1
			61

OFFENCES FOR WHICH PRISONERS WERE COMMITTED AND SENTENCED DURING THE YEAR

A. CRIMES AGAINST THE PERSON

	COMMITMENTS			SENTENCES		
	M.	F.	T.	M.	F.	T.
Abduction	10	1	11	6	......	6
Abortion	13	4	17	9	4	13
Assault, common	570	15	585	376	9	385
Assault, felonious	542	15	557	385	7	392
Attempted suicide	55	22	77	30	11	41
Cutting and wounding and attempting same	63	6	69	35	2	37
Shooting with intent	7	......	7	3	......	3
Stabbing	1	......	1	2	......	2
Manslaughter	35	4	39	15	1	16
Murder	26	6	32	7	......	7
Carnal knowledge	68	......	68	41	......	41
Rape and assault with intent to rape	39	......	39	10	......	10
TOTALS	1,429	73	1,502	919	34	953

B. CRIMES AGAINST PROPERTY

	COMMITMENTS			SENTENCES		
	M.	F.	T.	M.	F.	T.
Arson and incendiarism	35	2	37	54	1	55
Breaking, entering and theft	1,659	20	1,679	1,277	14	1,291
Robbery	341	11	352	217	3	220
Forgery	190	21	211	155	19	174
Fraud	167	16	183	126	12	138
False pretences	213	18	231	167	13	180
Larceny and theft	2,673	247	2,920	2,135	189	2,324
Theft of cars	718	14	732	584	6	590
Taking without owner's consent	371	1	372	336	......	336
Receiving stolen goods	392	28	420	305	21	326
Trespass	285	5	290	242	3	245
Damage to property	201	17	218	149	14	163
TOTALS	7,245	400	7,645	5,747	295	6,042

C. CRIMES AGAINST PUBLIC MORALS AND DECENCY

	Commitments			Sentences		
	M.	F.	T.	M.	F.	T.
Bigamy	35	4	39	28	4	32
Indecent assault	157	......	157	101	......	101
Indecent exposure	89	2	91	69	1	70
Incest	9	......	9	5	......	5
Inmates and frequenters of houses of ill-fame	36	64	100	25	46	71
Keeping houses of ill-fame	21	61	82	17	42	59
Juvenile delinquency	173	53	226	125	37	162
Perjury	15	3	18	8	2	10
Prostitution	1	4	5	......	5	5
Seduction	2	......	2	2	......	2
Buggery	25	......	25	18	......	18
Non-support	367	13	380	273	7	280
Breaches of Venereal Disease Prevention Act	31	75	106	20	61	81
Totals	961	279	1,240	691	205	896

D. CRIMES AGAINST PUBLIC ORDER AND PEACE

	Commitments			Sentences		
	M.	F.	T.	M.	F.	T.
Breaches of The Liquor Control Act	4,308	329	4,637	3,513	249	3,762
Breaches of The Excise Act	26	......	26	21	......	21
Breaches of The Narcotic and Drug Act	99	39	138	56	22	78
Breaches of the by-laws (do not include B.L.C.A.)	127	6	133	102	6	108
Breaches of The Highways Traffic Act	180	3	183	136	3	139
Breaches of Probation Act	43	34	77	12	16	28
Carrying unlawful weapons	189	4	193	130	2	132
Cruelty to animals	13	......	13	10	......	10
Drunk and disorderly (do not include B.L.C.A.)	6,111	614	6,725	4,897	501	5,398
Drunk driving	841	3	844	761	3	764
Reckless driving	280	......	280	149	......	149
Escaping from constable	12	1	13	6	1	7
Escaping from prison or gaol	25	1	26	25	......	25
Gambling	46	3	49	37	1	38
Obstructing an officer	167	2	169	137	2	139
Selling or giving liquor to Indians (do not include B.L.C.A.)	33	1	34	32	1	33
Vagrancy	2,189	571	2,760	1,305	241	1,546
Contempt of court	203	31	234	185	30	215
Civil offences against wartime regulations	316	16	332	242	12	254
Military offences	698	2	700	474	1	475
Totals	15,906	1,660	17,566	12,230	1,091	13,321
E. Other Offences Not Enumerated Above	1,241	215	1,456	331	71	402
GRAND TOTALS (Totals of A, B, C, D and E)	26,782	2,627	29,409	19,918	1,696	21,614

TABLE

SHOWING THE NAMES AND SALARIES OF VARIOUS

City and County Gaols	Names of Officials			
	Sheriffs	Gaolers	Chief Matrons	Gaol Surgeons
Barrie	E. C. Drury	Alex Stewart	Mrs. Mary Stewart	Dr. L. H. Bigelow
		A. R. Perkins	" E. Perkins	
Belleville	J. D. O'Flynn	J. E. Samain	" M. A. Samain	" V. A. Blakslee
Brampton	A. E. Sherman	J. W. Mitchell	" N. E. Mitchell	" W. H. Brydon
				" D. C. Heggie
Brantford	G. D. Campbell	S. Rogers	" D. Rogers	" R. L. Hutton
Brockville	R. J. Gill	G. A. Myers	" M. Myers	" D. I. Matheson
Cayuga	R. F. Miller	J. B. Smith	" A. Smith	" F. A. Vokes
Chatham	A. Poulter	P. J. Daigneau	" G. Daigneau	" J. C. McWilliam
Cobourg	F. C. Richardson	F. J. Wight	" V. Wight	" A. R. Richards
Cornwall	D. A. McNaughton	J. S. Dickey	" B. Dickey	" J. A. McGuire
Goderich	W. N. Hill	J. B. Reynolds	" J. B. Reynolds	" W. F. Gallow
				" A. H. Taylor
Guelph	H. C. Waind	J. Clark	" J. Clark	" A. B. McCarter
Hamilton*	A. C. Caldwell	F. V. Lalonde	" E. D. Lalonde	" H. R. McAllister
				" I. Crack
				" T. C. Gibson
Kingston	C. H. Wood	J. T. Hawkey	" G. Hawkey	" G. H. Huyck
				" R. J. Livesey
Kitchener	G. H. Gillies	E. Langridge	" V. Langridge	" D. G. McTaggart
		C. W. Smith	" M. Smith	
Lindsay	J. Forman	H. W. Stone	" E. Stone	" M. F. White
London	D. A. Graham	C. H. Mitchell	" A. Ross	" D. H. Hogg
L'Orignal	J. A. Beaulieu	A. Gelineau	" A. Gelineau	" R. Laviolette
Milton	W. J. Robertson	J. C. Fleming	" E. Ryder	" C. K. Stevenson
Napanee	J. L. Haycock	G. L. McCabe	" G. L. McCabe	" T. M. Galbraith
Orangeville	J. A. V. Preston	H. A. Coutts	" M. R. Coutts	" J. W. Leach
Ottawa	R. H. Sloan	I. A. Sutherland	" B. Samson	" F. Argue
		J. A. Graham		
Owen Sound	R. G. Benedict	T. A. Ramage	" J. Ramage	" R. Howey
Pembroke	W. H. Gibson	A. G. Brown	" E. Brown	" L. G. Reid
		J. C. Carnegie	" A. Carnegie	
Perth	G. R. McLennan	R. A. Moodie	" A. Moodie	" J. F. Noonan
				" A. C. Fowler
Peterborough	J. A. Harstone	T. D. Johnston	" E. Johnston	" J. A. Morgan
Picton	H. J. Colliver	E. Rist	" M. Rist	" C. H. Richmond
St. Catharines	F. J. Graves	J. J. Dundas	" L. M. Dundas	" J. C. Ball
St. Thomas	I. D. Cameron	C. P. Ermatinger	" B. M. Kington	" D. L. Ewin
		A. T. Kington		
Sarnia	A. J. Johnston	E. J. Mott	" C. Mott	" R. G. McDonald
Simcoe	A. C. Pratt	G. Mercel	" J. Mercel	" J. C. T. Sihler
		J. Dickson	" A. Dickson	
Stratford	L. H. Morgan	H. Johnson	" B. Johnson	" M. J. Fraser
Toronto*	J. D. Conover	W. L. Rayfield	" M. Peers	" W. H. Hills
Walkerton	H. A. McGillivray	A. E. Ferguson	" M. Ferguson	" T. W. Sinclair
Welland	V. L. Davidson	D. Sharpe	" D. Stewart	" C. R. Hignell
				" M. McLean
Whitby	H. Bascom	H. F. Lucas	" I. E. Lucas	" F. A. Cuddy
		J. D. G. Sutherland	" J. Sutherland	
Windsor	A. A. Marentette	J. M. Robinson	" J. Robinson	" A. J. Jacques
Woodstock	C. E. Sutherland	J. L. Skinner	" G. Skinner	" C. M. Mackay

*City gaols.

No. 1

GAOL OFFICIALS—For the Year Ending March 31, 1946

City and County Gaols	SALARIES OF OFFICIALS					
	Gaolers	Matrons	Other Officers	Surgeons		Total
				Salaries	Fees	
Barrie	$1,091.97	$ 356.60	$10,949.09	$ 400.00	$ 107.00	$13,218.64
	242.66	71.32	....	....	....	....
Belleville	1,026.00	428.00	3,705.00	500.00	....	5,659.00
Brampton	1,456.00	267.50	4,838.53	150.00	29.00	6,805.03
	....	....	....	50.00	14.00	....
Brantford	1,674.25	535.00	10,379.51	362.00	....	12,950.76
Brockville	1,311.00	214.00	6,463.25	300.00	65.00	8,353.25
Cayuga	1,254.00	214.00	5,479.00	200.00	157.00	7,304.00
Chatham	1,456.00	428.00	7,877.51	400.00	60.00	10,221.51
Cobourg	1,254.00	321.00	2,737.00	250.00	58.00	4,620.00
Cornwall	1,760.00	321.00	8,287.50	400.00	38.00	10,806.50
Goderich	1,262.00	244.55	4,243.01	103.75	3.00	5,883.40
	....	....	....	27.09	....	....
Guelph	1,482.00	366.00	5,750.08	200.00	....	7,798.08
Hamilton*	2,145.95	967.31	29,735.51	808.35	273.00	34,096.57
	....	....	....	71.35	....	....
	....	....	....	95.10	....	....
Kingston	1,512.00	358.00	7,177.65	262.00	30.00	9,467.15
	....	....	....	112.50	15.00	....
Kitchener	529.87	267.48	8,994.21	500.00	....	11,328.97
	930.43	106.98	....	....	....	....
Lindsay	1,530.61	256.80	3,327.92	150.00	18.00	5.283.33
London	1,870.00	969.00	19,469.38	700.00	....	23,008.38
L'Orignal	1,140.00	289.20	3,848.00	400.00	23.00	5,700.20
Milton	1,026.00	267.50	4,678.80	200.00	9.00	6,181.30
Napanee	1,026.00	214.00	3,422.10	200.00	10.00	4,872.10
Orangeville	1,368.00	321.00	2,705.50	125.00	....	4,519.50
Ottawa	1,196.19	695.50	41,821.17	365.00	391.00	44,995.53
	526.67	....	....	....	....	....
Owen Sound	1,387.00	321.00	3,615.95	250.00	8.00	5,581.95
Pembroke	1,402.50	180.54	4,136.32	300.00	....	6,481.30
	381.49	80.45	....	....	....	....
Perth	1,368.00	214.00	3,309.46	313.75	....	5,455.21
	....	....	....	250.00	....	....
Peterborough	1,362.49	323.77	6,398.72	150.00	....	8,234.98
Picton	914.20	245.19	1,813.35	150.00	....	3,122.74
St. Catharines	1,568.00	385.20	7,971.10	400.00	51.00	10,375.30
St. Thomas	662.67	164.06	7,307.07	271.50	90.00	9,096.37
	601.07	....	....	....	....	....
Sarnia	1,456.00	427.92	6,481.16	300.00	....	8,665.08
Simcoe	558.60	156.03	5,131.74	75.00	154.90	6,637.76
	438.90	122.59	....	....	....	....
Stratford	1,390.00	374.50	4,079.30	150.00	140.00	6,133.80
Toronto*	3,424.00	1,444.00	121,975.00	1,000.00	2,577.00	130,420.00
Walkerton	1,140.00	214.00	3,888.00	200.00	....	5,442.00
Welland	1,892.00	321.00	9,510.30	333.34	77.00	12,336.30
	....	....	....	166.66	36.00	....
Whitby	993.41	156.03	6,621.05	150.00	101.00	8,202.75
	143.76	37.50	....	....	....	....
Windsor	1,760.00	642.00	24,907.58	1,500.00	130.00	28,939.58
Woodstock	1,368.00	321.00	5,272.61	200.00	28.00	7,189.61

*City gaols.

TABLE

SHOWING THE NAMES AND SALARIES OF VARIOUS

City and County Gaols	Names of Officials			
	Sheriffs	Gaolers	Chief Matrons	Gaol Surgeons
District Gaols				
Bracebridge†	W. B. Elliott	C. Reynolds	Mrs. E. Reynolds	Dr. E. G. Ellis
Fort Frances	C. L. Sundin	R. F. Brown	" N. P. Brown	" W. G. Boyle
Haileybury	H. Clifford	A. T. Humphreys	" C. Terrill	" W. C. Arnold
Kenora	L. D. McCallum	E. W. Cox	" M. F. Cox	" W. J. Gunne
North Bay	A. B. Girard	R. England	" M. W. England	" E. J. Brennan
Parry Sound	J. E. Armstrong	T. W. Keating	" B. Keating	" A. J. L. Wright
Port Arthur	H. Thompson	G. F. Lasseter	" E. Filmer	" W. W. Smith
Sault Ste. Marie	W. H. Birks	W. Johnson	" H. Johnson	" S. E. Fleming
Sudbury	A. J. Manley	J. Galbraith	" H. Galbraith	" J. F. McCullough

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 1 (Cont'd)

GAOL OFFICIALS—For the Year Ending March 31, 1946

CITY AND COUNTY GAOLS	SALARIES OF OFFICIALS					
	GAOLERS	MATRONS	OTHER OFFICERS	SURGEONS		TOTAL
				SALARIES	FEES	
DISTRICT GAOLS						
Bracebridge†	1,670.96	366.13	3,971.71	137.50	....	6,146.30
Fort Frances	1,871.88	300.00	7,478.83	200.00	....	9,850.71
Haileybury	2,105.99	650.00	16,301.48	400.00	163.00	19,620.47
Kenora	2,222.93	350.00	12,463.34	300.00	....	15,336.27
North Bay	2,222.93	600.00	16,762.11	425.00	105.00	20,115.04
Parry Sound	1,784.98	462.50	7,876.46	287.50	22.00	10,433.44
Port Arthur	2,299.99	975.00	29,041.88	400.00	....	32,716.87
Sault Ste. Marie	2,105.98	425.00	11,871.79	300.00	55.00	14,757.77
Sudbury	2,299.98	525.00	18,698.94	720.00	....	22,243.92

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

MOVEMENT OF

City and County Gaols	Number Remaining in Custody on Remand, March 31, 1945			Number Remaining in Custody Awaiting Trial, March 31, 1945			Number Remaining in Custody Serving Unexpired Sentences or for Other Reasons March 31, 1945			Number Committed During the Year Ending March 31, 1946		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	13	......	13	......	......	......	15	3	18	895	69	964
Belleville	2	......	2	......	......	......	13	......	13	577	38	615
Brampton	1	......	1	......	......	......	2	......	2	209	12	221
Brantford	......	......	......	3	......	3	13	1	14	331	25	356
Brockville	6	1	7	......	......	......	7	1	8	297	21	318
Cayuga	......	......	......	3	......	3	......	......	......	152	5	157
Chatham	4	......	4	......	......	......	14	......	14	429	31	460
Cobourg	......	......	......	5	1	6	7	......	7	190	14	204
Cornwall	2	1	3	......	......	......	7	......	7	279	33	312
Goderich	1	......	1	......	......	......	3	......	3	67	5	72
Guelph	5	......	5	......	......	......	4	......	4	229	16	245
Hamilton*	16	3	19	1	......	1	55	3	58	1,598	179	1,777
Kingston	1	......	1	......	......	......	18	1	19	346	29	375
Kitchener	2	1	3	......	......	......	14	......	14	410	34	444
Lindsay	2	......	2	1	......	1	2	......	2	112	8	120
London	4	......	4	1	......	1	28	3	31	1,024	91	1,115
L'Orignal	1	1	2	......	......	......	2	......	2	94	5	99
Milton	1	......	1	......	......	......	3	......	3	100	3	103
Napanee	......	......	......	......	......	......	......	......	......	67	7	74
Orangeville	......	......	......	......	......	......	1	......	1	45	1	46
Ottawa	23	7	30	1	......	1	37	10	47	1,434	200	1,634
Owen Sound	......	1	1	......	......	......	3	......	3	120	9	129
Pembroke	3	......	3	......	......	......	4	......	4	237	6	243
Perth	......	......	......	......	......	......	7	1	8	125	2	127
Peterboro	1	......	1	......	......	......	17	......	17	248	14	262
Picton	......	......	......	......	......	......	1	......	1	65	10	75
St. Catharines	1	......	1	1	......	1	5	......	5	249	17	266
St. Thomas	3	......	3	......	1	1	5	......	5	386	19	405
Sarnia	2	1	3	......	......	......	9	......	9	246	17	263
Simcoe	2	......	2	......	......	......	3	......	3	433	16	449
Stratford	......	......	......	......	......	......	6	......	6	111	2	113
Toronto*	57	3	60	24	3	27	128	18	146	8,837	1,049	9,886
Walkerton	......	......	......	......	......	......	2	......	2	85	6	91
Welland	11	......	11	......	......	......	24	......	24	463	15	478
Whitby	12	......	12	......	......	......	16	1	17	439	29	468
Windsor	9	3	12	4	......	4	41	3	44	1,115	107	1,222
Woodstock	3	......	3	......	......	......	5	......	5	283	17	300
District Gaols												
Bracebridge†	......	......	......	4	......	4	4	......	4	103	1	104
Fort Frances	......	1	1	2	......	2	1	......	1	199	11	210
Haileybury	......	......	......	1	......	1	40	3	43	475	43	518
Kenora	2	......	2	......	......	......	15	......	15	311	31	342
North Bay	2	......	2	1	......	1	18	2	20	475	56	531
Parry Sound	....	......	......	......	......	......	4	......	4	208	26	234
Port Arthur	5	......	5	5	2	7	57	12	69	1,263	153	1,416
Sault Ste. Marie	3	1	4	......	......	......	7	3	10	323	52	375
Sudbury	8	......	8	......	......	......	22	1	23	1,098	93	1,191
Totals	208	24	232	57	7	64	689	66	755	26,782	2,627	29,469

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 2

GAOL POPULATION

City and County Gaols	Total Number in Custody During Year			Number Released on Bail			Number Acquitted and Released			Number Released by Order of Judge or Court without Trial		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	923	72	995	4	1	5	22	......	22	......	......	......
Belleville	592	38	630	7	......	7	31	6	37	......	......	......
Brampton	212	12	224	3	......	3	2	......	2	......	......	......
Brantford	347	26	373	4	......	4	46	6	52	......	......	......
Brockville	310	23	333	2	......	2	6	2	8	1	......	1
Cayuga	155	5	160	......	......	......	11	1	12	......	......	......
Chatham	447	31	478	20	2	22	35	6	41	1	......	1
Cobourg	202	15	217	15	1	16	12	......	12	3	......	3
Cornwall	288	34	322	6	......	6	2	......	2	1	......	1
Goderich	71	5	76	10	......	10	5	......	5	1	......	1
Guelph	238	16	254	12	......	12	18	3	21	......	......	......
Hamilton*	1,670	185	1,855	72	9	81	208	51	259	14	2	16
Kingston	365	30	395	......	......	......	25	6	31	3	4	7
Kitchener	426	35	461	2	......	2	43	2	45	4	1	5
Lindsay	117	8	125	2	......	2	3	......	3	......	......	......
London	1,057	94	1,151	28	3	31	26	2	28	3	......	3
L'Orignal	97	6	103	22	......	22	4	1	5	1	1	2
Milton	104	3	107	1	......	1	10	......	10	......	......	......
Napanee	67	7	74	13	3	16	4	1	5	......	......	......
Orangeville	46	1	47	7	1	8	3	......	3	1	......	1
Ottawa	1,495	217	1,712	43	7	50	155	30	185	44	22	66
Owen Sound	123	10	133	......	......	......	8	1	9	......	......	......
Pembroke	244	6	250	13	......	13	......	......	......	......	......	......
Perth	132	3	135	1	......	1	11	......	11	......	......	......
Peterboro	266	14	280	3	......	3	26	4	30	......	......	......
Picton	66	10	76	9	1	10	2	......	2	1	......	1
St. Catharines	256	17	273	3	......	3	41	5	46	3	......	3
St. Thomas	394	20	414	71	3	74	11	......	11	3	......	3
Sarnia	257	18	275	......	......	......	21	5	26	......	......	......
Simcoe	438	16	454	6	......	6	......	......	......	4	......	4
Stratford	117	2	119	13	......	13	6	......	6	18	......	18
Toronto*	9,046	1,073	10,119	1,646	202	1,848	......	......	......	16	......	16
Walkerton	87	6	93	19	2	21	6	1	7	......	......	......
Welland	498	15	513	45	1	46	67	5	72	......	......	......
Whitby	467	30	497	10	1	11	29	4	33	3	......	3
Windsor	1,169	113	1,282	13	......	13	184	20	204	16	......	16
Woodstock	291	17	308	33	2	35	22	2	24	......	......	......
District Gaols												
Bracebridge†	111	1	112	1	......	1	12	......	12	......	......	......
Fort Frances	202	12	214	1	......	1	1	......	1	3	......	3
Haileybury	516	46	562	......	......	......	......	1	1	15	4	19
Kenora	328	31	359	8	......	8	26	1	27	......	......	......
North Bay	496	58	554	37	5	42	38	6	44	4	......	4
Parry Sound	212	26	238	1	......	1	24	4	28	......	......	......
Port Arthur	1,330	167	1,497	1	3	4	53	14	67	......	......	......
Sault Ste. Marie	333	56	389	2	......	2	1	......	1	27	4	31
Sudbury	1,128	94	1,222	61	2	63	4	......	4	50	15	65
Totals	27,736	2,724	30,460	2,270	249	2,519	1,264	190	1,454	240	53	293

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

MOVEMENT OF

City and County Gaols	Number with Option of a Fine or Gaol Term who Paid Fines and were Released			Number Released on Suspended Sentences			Number Released for any Other Reason		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	203	15	218	29	3	32	119	18	137
Belleville	155	10	165	63	4	67	10	4	14
Brampton	49	......	49	29	3	32	33	5	38
Brantford	58	4	62	31	4	35	2	......	2
Brockville	49	......	49	25	3	28	5	......	5
Cayuga	75	2	77	7	......	7	......	1	1
Chatham	25	1	26	56	8	64	......	......	......
Cobourg	10	......	10	13	1	14	24	3	27
Cornwall	32	2	34	25	1	26	51	11	62
Goderich	3	......	3	7	......	7	8	1	9
Guelph	85	5	90	8	1	9	1	1	2
Hamilton*	138	10	148	135	35	170	5	1	6
Kingston	70	7	77	23	4	27	6	1	7
Kitchener	91	5	96	68	12	80	30	......	30
Lindsay	39	3	42	8	......	8	2	......	2
London	145	12	157	56	8	64	14	5	19
L'Orignal	13	1	14	4	......	4	2	......	2
Milton	20	1	21	20	1	21	......	1	1
Napanee	4	......	4	11	......	11	7	2	9
Orangeville	8	......	8	4	......	4	4	......	4
Ottawa	97	11	108	121	20	141	12	13	25
Owen Sound	13	......	13	10	1	11	2	......	2
Pembroke	8	......	8	31	......	31	73	5	78
Perth	14	1	15	10	......	10	......	......	......
Peterboro	17	1	18	15	......	15	6	......	6
Picton	3	3	6	11	1	12	......	1	1
St. Catharines	36	2	38	8	......	8	1	1	2
St. Thomas	62	4	66	32	1	33	7	......	7
Sarnia	85	3	88	14	......	14	......	......	......
Simcoe	201	6	207	59	3	62	56	1	57
Stratford	16	......	16	23	2	25	......	......	......
Toronto*	1,001	111	1,112	1,277	219	1,496	535	141	676
Walkerton	8	1	9	5	......	5	7	......	7
Welland	44	1	45	37	......	37	4	......	4
Whitby	102	13	115	29	3	32	......	......	......
Windsor	75	13	88	197	11	208	35	13	48
Woodstock	40	4	44	21	2	23	4	1	5
District Gaols									
Bracebridge†	22	......	22	7	......	7	1	......	1
Fort Frances	107	5	112	22	2	24	13	1	14
Haileybury	14	1	15	......	......	......	2	......	2
Kenora	48	1	49	8	1	9	30	......	30
North Bay	43	5	48	20	3	23	9	2	11
Parry Sound	90	11	101	2	......	2	4	2	6
Port Arthur	310	39	349	27	6	33	46	7	53
Sault Ste. Marie	26	3	29	21	3	24	95	22	117
Sudbury	147	12	159	85	6	91	329	11	340
Totals	3,901	329	4,230	2,714	372	3,086	1,594	275	1,869

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 2 (Cont'd)

GAOL POPULATION

City and County Gaols	Number Discharged on Expiration of Sentence			Number Transferred to Other Institutions			Number Sentenced and Deported Direct from Gaol		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	236	17	253	269	16	285	......	......	......
Belleville	224	8	232	79	6	85	......	......	......
Brampton	43	......	43	45	4	49	......	......	......
Brantford	134	7	141	58	4	62	......	......	......
Brockville	140	14	154	66	3	69	......	......	......
Cayuga	37	1	38	20	......	20	......	......	......
Chatham	187	3	190	77	9	86	......	......	......
Cobourg	82	2	84	35	8	43	......	......	......
Cornwall	118	5	123	24	15	39	5	......	5
Goderich	17	2	19	13	2	15	......	......	......
Guelph	50	......	50	46	5	51	......	......	......
Hamilton*	604	16	620	399	49	448	1	......	1
Kingston	136	7	143	90	......	90	......	......	......
Kitchener	100	3	103	59	11	70	1	......	1
Lindsay	29	2	31	29	3	32	......	......	......
London	484	49	533	260	11	271	......	......	......
L'Orignal	24	1	25	21	2	23	......	......	......
Milton	35	......	35	17	......	17	......	......	......
Napanee	14	......	14	10	1	11	......	......	......
Orangeville	7	......	7	10	......	10	......	......	......
Ottawa	793	89	882	142	8	150	1	......	1
Owen Sound	56	2	58	28	5	33	......	......	......
Pembroke	86	1	87	20	......	20	......	......	......
Perth	73	......	73	15	1	16	......	......	......
Peterboro	152	7	159	30	2	32	......	......	......
Picton	31	2	33	8	2	10	......	......	......
St. Catharines	106	7	113	51	2	53	......	......	......
St. Thomas	160	7	167	33	4	37	......	......	......
Sarnia	100	4	104	21	5	26	......	......	......
Simcoe	78	3	81	29	3	32	......	......	......
Stratford	22	......	22	12	......	12	......	......	......
Toronto*	1,704	219	1,923	2,543	136	2,679	4	2	6
Walkerton	31	2	33	6	......	6	......	......	......
Welland	162	2	164	103	5	108	......	......	......
Whitby	166	1	167	99	7	106	......	......	......
Windsor	405	33	438	154	8	162	2	1	3
Woodstock	128	2	130	35	2	37	......	......	......
District Gaols									
Bracebridge†	43	......	43	25	1	26	......	......	......
Fort Frances	17	1	18	29	3	32	......	......	......
Haileybury	281	24	305	136	10	146	......	......	......
Kenora	142	18	160	41	8	49	......	......	......
North Bay	221	14	235	83	15	98	......	......	......
Parry Sound	31	2	33	44	7	51	......	......	......
Port Arthur	679	73	752	84	9	93	......	......	......
Sault Ste. Marie	103	8	111	41	11	52	......	......	......
Sudbury	253	27	280	152	15	167	......	......	......
Totals	8,724	685	9,409	5,591	418	6,009	14	3	17

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

MOVEMENT OF

City and County Gaols	Died Before Trial			Died While Undergoing Sentence			Sentenced to Death and Executed			Escaped and Not Recaptured During Year			Number Remaining in Custody on Remand, March 31, 1946		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	....	....	....	....	....	....	1	....	1	....	....	....	14	1	15
Belleville	....	....	....	....	....	....	....	....	....	....	....	....	6	....	6
Brampton	....	....	....	....	....	....	1	....	1	....	....	....	4	....	4
Brantford	....	....	....	....	....	....	....	....	....	....	....	....	3	....	3
Brockville	1	....	1	....	....	....	....	....	....	....	....	....	6	1	7
Cayuga	....	....	....	....	....	....	....	....	....	....	....	....	4	....	4
Chatham	....	....	....	....	....	....	....	....	....	....	....	....	14	....	14
Cobourg	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cornwall	....	....	....	....	....	....	....	....	....	....	....	....	7	....	7
Goderich	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2
Guelph	....	....	....	....	....	....	....	....	....	....	....	....	3	1	4
Hamilton*	....	....	....	....	....	....	....	....	....	....	....	....	15	7	22
Kingston	....	....	....	....	....	....	....	....	....	....	....	....	2	1	3
Kitchener	....	....	....	....	....	....	....	....	....	....	....	....	5	1	6
Lindsay	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
London	....	....	....	....	....	....	....	....	....	....	....	....	3	3	6
L'Orignal	....	....	....	....	....	....	....	....	....	....	....	....	4	....	4
Milton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Napanee	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Orangeville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ottawa	1	....	1	....	1	1	1	....	1	....	....	....	19	10	29
Owen Sound	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2
Pembroke	....	....	....	....	....	....	....	....	....	....	....	....	9	....	9
Perth	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Peterboro	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Picton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Catharines	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Thomas	....	....	....	....	....	....	....	....	....	....	....	....	5	....	5
Sarnia	....	....	....	....	....	....	....	....	....	....	....	....	4	1	5
Simcoe	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Stratford	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Toronto*	3	....	3	2	....	2	....	....	....	....	....	....	128	17	145
Walkerton	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2
Welland	....	....	....	....	....	....	....	....	....	....	....	....	3	1	4
Whitby	....	....	....	....	....	....	....	....	....	....	....	....	5	....	5
Windsor	....	....	....	....	....	....	....	....	....	....	....	....	20	6	26
Woodstock	....	....	....	....	....	....	....	....	....	....	....	....	4	1	5
District Gaols															
Bracebridge†	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fort Frances	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Haileybury	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kenora	....	....	....	....	....	....	....	....	....	....	....	....	4	....	4
North Bay	....	....	....	....	....	....	....	....	....	....	....	....	7	1	8
Parry Sound	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Port Arthur	....	....	....	....	....	....	....	....	....	....	....	....	6	....	6
Sault Ste. Marie	....	....	....	1	....	1	....	....	....	....	....	....	1	1	2
Sudbury	....	....	....	1	....	1	....	....	....	...	2	2	11	1	12
Totals	5	..	5	4	1	5	3	..	3		2	2	325	55	380

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 2 (Concl'd)

GAOL POPULATION

City and County Gaols	Number Remaining in Custody Awaiting Trial, March 31, 1946			Number Remaining in Custody Serving Unexpired Sentences or for Other Reasons, March 31, 1946			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	......	......	......	26	1	27	923	72	995
Belleville	......	......	......	17	......	17	592	38	630
Brampton	......	......	......	3	......	3	212	12	224
Brantford	......	......	......	11	1	12	347	26	373
Brockville	......	......	......	9	......	9	310	23	333
Cayuga	1	......	1	......	......	......	155	5	160
Chatham	......	......	......	32	2	34	447	31	478
Cobourg	2	......	2	6	......	6	202	15	217
Cornwall	1	......	1	16	......	16	288	34	322
Goderich	2	......	2	3	......	3	71	5	76
Guelph	......	......	......	15	......	15	238	16	254
Hamilton*	1	......	1	78	5	83	1,670	185	1,855
Kingston	......	......	......	10	......	10	365	30	395
Kitchener	1	......	1	22	......	22	426	35	461
Lindsay	......	......	......	4	......	4	117	8	125
London	......	......	......	38	1	39	1,057	94	1,151
L'Orignal	......	......	......	2	......	2	97	6	103
Milton	......	......	......	1	......	1	104	3	107
Napanee	......	......	......	3	......	3	67	7	74
Orangeville	......	......	......	2	......	2	46	1	47
Ottawa	2	......	2	64	6	70	1,495	217	1,712
Owen Sound	......	......	......	5	......	5	123	10	133
Pembroke	......	......	......	4	......	4	244	6	250
Perth	1	......	1	7	1	8	132	3	135
Peterboro	......	......	......	17	......	17	266	14	280
Picton	......	......	......	1	......	1	66	10	76
St. Catharines	......	......	......	7	......	7	256	17	273
St. Thomas	......	......	......	10	1	11	394	20	414
Sarnia	......	......	......	12	......	12	257	18	275
Simcoe	......	......	......	4	......	4	438	16	454
Stratford	......	......	......	6	......	6	117	2	119
Toronto*	40	1	41	147	25	172	9,046	1,073	10,119
Walkerton	......	......	......	3	......	3	87	6	93
Welland	......	......	......	33	......	33	498	15	513
Whitby	......	......	......	24	1	25	467	30	497
Windsor	6	......	6	62	8	70	1,169	113	1,282
Woodstock	......	......	......	4	1	5	291	17	308
District Gaols									
Bracebridge†	......	......	......	......	......	......	111	1	112
Fort Frances	3	......	3	6	......	6	202	12	214
Haileybury	9	1	10	59	5	64	516	46	562
Kenora	......	......	......	21	2	23	328	31	359
North Bay	......	......	......	34	7	41	496	58	554
Parry Sound	5	......	5	11	......	11	212	26	238
Port Arthur	1	1	2	123	15	138	1,330	167	1,497
Sault Ste. Marie	1	......	1	14	4	18	333	56	389
Sudbury	4	......	4	31	3	34	1,128	94	1,222
Totals	80	3	83	1,007	89	1,096	27,736	2,724	30.460

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

CRIMINAL HISTORY, NUMBER OVER AND

City and County Gaols	Criminal History of Those Committed							
	First Time		Second Time		Third Time		Over Three Times	
	Male	Female	Male	Female	Male	Female	Male	Female
Barrie	858	66	33	3	3	......	1	......
Belleville	342	25	135	8	47	3	53	2
Brampton	113	10	47	2	16	......	33	......
Brantford	183	16	42	4	16	1	90	4
Brockville	135	17	48	4	40	......	74	......
Cayuga	121	4	14	1	9	......	8	......
Chatham	179	22	81	5	40	1	129	3
Cobourg	100	9	46	4	19	......	25	1
Cornwall	167	30	34	......	15	1	63	2
Goderich	25	5	17	......	6	......	19	......
Guelph	118	9	58	6	37	1	16	......
Hamilton*	908	137	197	17	71	10	422	15
Kingston	248	25	18	2	20	2	60	......
Kitchener	281	23	41	7	45	3	43	1
Lindsay	77	5	15	2	6	1	14	......
London	393	54	140	15	78	8	413	14
L'Orignal	73	5	10	......	7	......	4	......
Milton	70	3	6	......	5	......	19	......
Napanee	27	4	18	2	8	1	14	......
Orangeville	5	......	13	1	7	......	20	......
Ottawa	523	98	258	42	140	18	513	42
Owen Sound	65	7	19	1	10	......	26	1
Pembroke	209	6	19	......	5	......	4	......
Perth	110	2	7	......	8	......	......	......
Peterboro	129	9	27	3	15	2	77	......
Picton	32	8	15	......	5	1	13	1
St. Catharines	98	8	40	2	13	......	98	7
St. Thomas	187	12	75	3	48	1	76	3
Sarnia	141	11	57	6	24	......	24	......
Simcoe	202	12	122	2	60	2	49	......
Stratford	55	2	25	......	10	......	21	......
Toronto*	4,161	542	1,194	122	881	64	2,601	321
Walkerton	46	5	25	......	5	1	9	......
Welland	271	13	64	1	35	1	93	......
Whitby	388	21	23	......	21	4	7	4
Windsor	743	84	156	20	69	3	147	......
Woodstock	225	15	28	2	13	......	17	......
District Gaols								
Bracebridge†	58	1	18	......	7	......	20	......
Fort Frances	126	10	21	1	21	......	31	......
Haileybury	186	15	88	4	38	2	163	22
Kenora	224	26	47	3	27	1	13	1
North Bay	205	35	98	11	50	6	122	4
Parry Sound	147	19	25	5	20	1	16	1
Port Arthur	487	43	408	46	220	43	148	21
Sault Ste. Marie	149	25	67	11	34	7	73	9
Sudbury	624	61	318	21	124	8	32	3
Totals	14,214	1,559	4,257	389	2,398	197	5,913	482

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 3

UNDER SIXTEEN, AND NUMBER COMMITTED

City and County Gaols	Under 16 Years of Age			16 Years of Age and Over			Total Number Committed During Year		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	7	1	8	888	68	956	895	69	964
Belleville	4	......	4	573	38	611	577	38	615
Brampton	11	2	13	198	10	208	209	12	221
Brantford	3	2	5	328	23	351	331	25	356
Brockville	8	1	9	289	20	309	297	21	318
Cayuga	2	......	2	150	5	155	152	5	157
Chatham	4	2	6	425	29	454	429	31	460
Cobourg	15	1	16	175	13	188	190	14	204
Cornwall	9	4	13	270	29	299	279	33	312
Goderich	2	2	4	65	3	68	67	5	72
Guelph	......	......	......	229	16	245	229	16	245
Hamilton*	14	4	18	1,584	175	1,759	1,598	179	1,777
Kingston	......	......	......	346	29	375	346	29	375
Kitchener	4	......	4	406	34	440	410	34	444
Lindsay	2	......	2	110	8	118	112	8	120
London	......	......	......	1,024	91	1,115	1,024	91	1,115
L'Orignal	1	......	1	93	5	98	94	5	99
Milton	2	......	2	98	3	101	100	3	103
Napanee	......	......	......	67	7	74	67	7	74
Orangeville	2	......	2	43	1	44	45	1	46
Ottawa	9	3	12	1,425	197	1,622	1,434	200	1,634
Owen Sound	......	......	......	120	9	129	120	9	129
Pembroke	2	......	2	235	6	241	237	6	243
Perth	1	......	1	124	2	126	125	2	127
Peterboro	1	......	1	247	14	261	248	14	262
Picton	......	2	2	65	8	73	65	10	75
St. Catharines	......	......	......	249	17	266	249	17	266
St. Thomas	1	......	1	385	19	404	386	19	405
Sarnia	8	2	10	238	15	253	246	17	263
Simcoe	3	......	3	430	16	446	433	16	449
Stratford	......	......	......	111	2	113	111	2	113
Toronto*	5	......	5	8,832	1,049	9,881	8,837	1,049	9,886
Walkerton	......	......	......	85	6	91	85	6	91
Welland	3	......	3	460	15	475	463	15	478
Whitby	3	......	3	436	29	465	439	29	468
Windsor	11	......	11	1,104	107	1,211	1,115	107	1,222
Woodstock	5	......	5	278	17	295	283	17	300
District Gaols									
Bracebridge†	2	......	2	101	1	102	103	1	104
Fort Frances	3	1	4	196	10	206	199	11	210
Haileybury	......	......	......	475	43	518	475	43	518
Kenora	7	1	8	304	30	334	311	31	342
North Bay	1	1	2	474	55	529	475	56	531
Parry Sound	9	4	13	199	22	221	208	26	234
Port Arthur	2	1	3	1,261	152	1,413	1,263	153	1,416
Sault Ste. Marie	3	......	3	320	52	372	323	52	375
Sudbury	7	1	8	1,091	92	1,183	1,098	93	1,191
Totals	176	35	211	26,606	2,592	29,198	26,782	2,627	29,409

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

SOCIAL STATUS AND HABITS OF PRISONERS

City and County Gaols	Married			Single			Could Read and Write		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	379	33	412	516	36	552	886	69	955
Belleville	235	26	261	342	12	354	569	38	607
Brampton	80	4	84	129	8	137	205	12	217
Brantford	109	11	120	222	14	236	330	25	355
Brockville	102	7	109	195	14	209	290	21	311
Cayuga	58	4	62	94	1	95	151	5	156
Chatham	133	7	140	296	24	320	426	31	457
Cobourg	59	4	63	131	10	141	190	14	204
Cornwall	105	16	121	174	17	191	231	27	258
Goderich	23	2	25	44	3	47	67	5	72
Guelph	76	7	83	153	9	162	229	16	245
Hamilton*	758	110	868	840	69	909	1,589	179	1,768
Kingston	130	11	141	216	18	234	341	29	370
Kitchener	133	18	151	277	16	293	407	34	441
Lindsay	30	6	36	82	2	84	109	8	117
London	410	53	463	614	38	652	1,024	91	1,115
L'Orignal	39	3	42	55	2	57	67	2	69
Milton	32	3	35	68	......	68	100	2	102
Napanee	34	5	39	33	2	35	60	6	66
Orangeville	11	1	12	34	......	34	45	1	46
Ottawa	515	78	593	919	122	1,041	1,326	200	1,526
Owen Sound	47	3	50	73	6	79	119	8	127
Pembroke	65	2	67	172	4	176	235	6	241
Perth	35	2	37	90	......	90	123	2	125
Peterboro	64	10	74	184	4	188	238	14	252
Picton	24	7	31	41	3	44	55	8	63
St. Catharines	91	10	101	158	7	165	247	17	264
St. Thomas	159	9	168	227	10	237	381	18	399
Sarnia	169	6	175	77	11	88	239	17	256
Simcoe	154	10	164	279	6	285	425	16	441
Stratford	40	......	40	71	2	73	111	2	113
Toronto*	3,776	664	4,440	5,061	385	5,446	8,828	1,046	9,874
Walkerton	31	3	34	54	3	57	85	6	91
Welland	161	10	171	302	5	307	460	15	475
Whitby	184	22	206	255	7	262	429	28	457
Windsor	406	47	453	709	60	769	1,093	106	1,199
Woodstock	79	10	89	204	7	211	280	17	297
District Gaols									
Bracebridge†	52	1	53	51	......	51	52	1	53
Fort Frances	72	5	77	127	6	133	196	10	206
Haileybury	151	23	174	324	20	344	420	41	461
Kenora	103	19	122	208	12	220	288	30	318
North Bay	138	30	168	337	26	363	386	47	433
Parry Sound	74	10	84	134	16	150	199	26	225
Port Arthur	292	77	369	971	76	1,047	1,220	148	1,368
Sault Ste. Marie	109	31	140	214	21	235	307	46	353
Sudbury	303	38	341	795	55	850	1,085	92	1,177
Totals	10,230	1,458	11,688	16,552	1,169	17,721	26,143	2,582	28,725

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 4

COMMITTED—During the Year Ending March 31, 1946

CITY AND COUNTY GAOLS	ILLITERATE			TEMPERATE			INTEMPERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	9	......	9	428	36	464	467	33	500
Belleville	8	......	8	304	25	329	273	13	286
Brampton	4	......	4	58	9	67	151	3	154
Brantford	1	......	1	170	18	188	161	7	168
Brockville	7	......	7	78	17	95	219	4	223
Cayuga	1	......	1	63	2	65	89	3	92
Chatham	3	......	3	237	23	260	192	8	200
Cobourg	......	......	......	89	10	99	101	4	105
Cornwall	48	6	54	84	22	106	195	11	206
Goderich	......	......	......	52	5	57	15	......	15
Guelph	......	......	......	119	11	130	110	5	115
Hamilton*	9	......	9	683	117	800	915	62	977
Kingston	5	......	5	69	15	84	277	14	291
Kitchener	3	......	3	167	14	181	243	20	263
Lindsay	3	......	3	49	3	52	63	5	68
London	......	......	......	340	21	361	684	70	754
L'Orignal	27	3	30	44	5	49	50	......	50
Milton	......	1	1	42	......	42	58	3	61
Napanee	7	1	8	18	5	23	49	2	51
Orangeville	......	......	......	17	......	17	28	1	29
Ottawa	108	......	108	659	134	793	775	66	841
Owen Sound	1	1	2	19	6	25	101	3	104
Pembroke	2	......	2	12	......	12	225	6	231
Perth	2	......	2	86	1	87	39	1	40
Peterboro	10	......	10	132	12	144	116	2	118
Picton	10	2	12	11	2	13	54	8	62
St. Catharines	2	......	2	79	4	83	170	13	183
St. Thomas	5	1	6	339	18	357	47	1	48
Sarnia	7	......	7	77	9	86	169	8	177
Simcoe	8	......	8	49	6	55	384	10	394
Stratford	......	......	......	53	2	55	58	......	58
Toronto*	9	3	12	3,441	409	3,850	5,396	640	6,036
Walkerton	......	......	......	15	3	18	70	3	73
Welland	3	....	3	273	11	284	190	4	194
Whitby	10	1	11	116	4	120	323	25	348
Windsor	22	1	23	413	50	463	702	57	759
Woodstock	3	....	3	68	13	81	215	4	219
DISTRICT GAOLS									
Bracebridge†	51	...	51	89	1	90	14	......	14
Fort Frances	3	1	4	93	6	99	106	5	111
Haileybury	55	2	57	350	21	371	125	22	147
Kenora	23	1	24	182	19	201	129	12	141
North Bay	89	9	98	115	19	134	360	37	397
Parry Sound	9	......	9	25	9	34	183	17	200
Port Arthur	43	5	48	365	54	419	898	99	997
Sault Ste. Marie	16	6	22	92	21	113	231	31	262
Sudbury	13	1	14	161	25	186	937	68	1,005
TOTALS	639	45	684	10,425	1,217	11,642	16,357	1,410	17,767

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

PRISONERS TRANSFERRED

City and County Gaols	Sentenced to Gaol and Afterwards Removed to a Reformatory		Sentenced to Gaol and Afterwards Removed to an Industrial Farm	Sentenced to and Removed to a Reformatory		Sentenced to and Removed to an Industrial Farm	Sentenced to and Removed to a Penitentiary		
	M.	F.	M.	M.	F.	M.	M.	F.	T.
Barrie	156	......	74	......	......	......	5	......	5
Belleville	8	3	11	......	......	3	3	......	3
Brampton	8	......	1	7	2	5	4	......	4
Brantford	2	......	......	26	3	18	9	......	9
Brockville	1	......	......	32	2	19	3	......	3
Cayuga	......	......	......	9	......	......	5	......	5
Chatham	......	......	......	41	3	......	2	......	2
Cobourg	......	......	......	19	4	......	3	......	3
Cornwall	4	2	1	11	2	......	4	......	4
Goderich	......	......	......	7	......	......	3	......	3
Guelph	6	1	......	20	4	......	3	......	3
Hamilton*	230	6	......	110	34	......	30	2	32
Kingston	8	......	1	42	......	15	14	......	14
Kitchener	4	......	......	22	3	13	5	......	5
Lindsay	......	......	......	23	1	......	1	......	1
London	61	4	19	9	......	......	14	......	14
L'Orignal	......	......	6	......	......	......	4	......	4
Milton	......	......	......	5	......	1	5	......	5
Napanee	......	......	......	4	......	1	3	......	3
Orangeville	......	......	......	6	......	......	1	......	1
Ottawa	18	1	15	48	7	43	15	......	15
Owen Sound	......	......	......	2	......	......	2	......	2
Pembroke	......	......	......	13	......	5	1	......	1
Perth	......	......	......	8	1	1	......	......	......
Peterboro	......	......	......	23	......	......	6	......	6
Picton	......	......	......	2	......	......	......	......	......
St. Catharines	36	2	......	......	......	......	15	......	15
St. Thomas	1	......	......	19	3	1	2	1	3
Sarnia	13	......	3	......	......	......	1	......	1
Simcoe	......	......	......	15	......	3	4	......	4
Stratford	......	......	......	7	......	4	1	......	1
Toronto*	1,739	112	577	......	......	......	139	5	144
Walkerton	......	......	1	1	......	......	4	......	4
Welland	11	......	......	44	3	......	5	......	5
Whitby	36	4	3	29	1	9	8	......	8
Windsor	5	1	2	80	4	40	23	......	23
Woodstock	6	......	......	13	1	2	2	......	2
District Gaols									
Bracebridge†	......	......	......	7	......	4	2	......	2
Fort Frances	1	......	......	......	......	......	2	......	2
Haileybury	29	2	49	......	4	2	18	......	18
Kenora	7	1	18	......	......	......	7	1	8
North Bay	1		1	26	3	27	7	......	7
Parry Sound	......	......	......	13	......	......	4	......	4
Port Arthur	6	......	27	8	9	20	21	......	21
Sault Ste. Marie	......	2	4	6	2	19	3	......	3
Sudbury	21	1	48	10	3	12	21	......	21
Totals	2,418	142	861	767	99	267	434	9	443

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 5

TO OTHER INSTITUTIONS

City and County Gaols	Sentenced to and Removed to an Industrial Refuge			Transferred to an Industrial School			Transferred to a Mental Hospital or to Some Other Place of Confinement			Total		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	......	10	10	3	......	3	31	6	37	269	16	285
Belleville	......	......	......	6	......	6	48	3	51	79	6	85
Brampton	......	......	......	2	1	3	18	1	19	45	4	49
Brantford	......	......	......	......	1	1	3	......	3	58	4	62
Brockville	......	1	1	4	......	4	7	......	7	66	3	69
Cayuga	......	......	......	......	......	......	6	......	6	20	......	20
Chatham	3	1	4	3	2	5	28	3	31	77	9	86
Cobourg	1	......	1	6	4	10	6	......	6	35	8	43
Cornwall	......	1	1	2	3	5	2	7	9	24	15	39
Goderich	......	......	......	......	2	2	3	......	3	13	2	15
Guelph	......	......	......	......	......	......	17	......	17	46	5	51
Hamilton*	......	......	......	6	......	6	23	7	30	399	49	448
Kingston	......	......	......	2	......	2	8	......	8	90	......	90
Kitchener	......	4	4	1	......	1	14	4	18	59	11	70
Lindsay	......	......	......	1	......	1	4	2	6	29	3	32
London	2	......	2	......	......	......	155	7	162	260	11	271
L'Orignal	2	......	2	......	......	......	9	2	11	21	2	23
Milton	......	......	......	2	......	2	4	......	4	17	......	17
Napanee	......	......	......	......	......	......	2	1	3	10	1	11
Orangeville	......	......	......	2	......	2	1	......	1	10	......	10
Ottawa	......	......	......	......	......	......	3	......	3	142	8	150
Owen Sound	......	......	......	1	......	1	23	5	28	28	5	33
Pembroke	......	......	......	......	......	......	1	......	1	20	......	20
Perth	......	......	......	1	......	1	5	......	5	15	1	16
Peterboro	......	......	......	......	......	......	1	2	3	30	2	32
Picton	......	......	......	......	2	2	6	......	6	8	2	10
St. Catharines	......	......	......	......	......	......	......	......	......	51	2	53
St. Thomas	......	......	......	......	......	......	10	......	10	33	4	37
Sarnia	......	......	......	1	5	6	3	......	3	21	5	26
Simcoe	......	......	......	......	......	......	7	3	10	29	3	32
Stratford	......	......	......	......	......	......	......	......	......	12	......	12
Toronto*	......	3	3	......	......	......	88	16	104	2,543	136	2,679
Walkerton	......	......	......	......	......	......	......	......	......	6	......	6
Welland	......	......	......	3	......	3	40	2	42	103	5	108
Whitby	......	......	......	3	......	3	11	2	13	99	7	106
Windsor	......	3	3	2	......	2	2	......	2	154	8	162
Woodstock	......	......	......	3	......	3	9	1	10	35	2	37
District Gaols												
Bracebridge†	......	......	......	1	......	1	11	1	12	25	1	26
Fort Frances	......	......	......	2	1	3	24	2	26	29	3	32
Haileybury	......	......	......	......	......	......	38	4	42	136	10	146
Kenora	......	......	......	......	1	1	9	5	14	41	8	49
North Bay	......	6	6	......	......	......	21	6	27	83	15	98
Parry Sound	......	......	......	......	4	4	27	3	30	44	7	51
Port Arthur	1	......	1	1	......	1	......	......	......	84	9	93
Sault Ste. Marie	......	......	......	2	......	2	7	7	14	41	11	52
Sudbury	......	......	......	6	3	9	34	8	42	152	15	167
Totals	9	29	38	66	29	95	769	110	879	5,591	418	6.009

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

PERIOD OF SENTENCES—TO GAOLS

City and County Gaols	Suspended Sentences			Under 30 Days			30 Days and Under 60 Days			60 Days or Under 90 Days		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	29	3	32	140	9	149	77	8	85	71	......	71
Belleville	63	4	67	158	7	165	36	2	38	9	......	9
Brampton	29	3	32	22	......	22	15	......	15	3	......	3
Brantford	31	4	35	57	2	59	35	5	40	5	......	5
Brockville	25	3	28	109	10	119	16	2	18	13	......	13
Cayuga	7	......	7	78	3	81	20	......	20	7	......	7
Chatham	56	8	64	133	3	136	87	1	88	28	3	31
Cobourg	13	1	14	69	1	70	16	......	16	7	......	7
Cornwall	25	1	26	110	5	115	31	1	32	10	1	11
Goderich	7	......	7	8	......	8	7	2	9	......	......	......
Guelph	8	1	9	27	......	27	87	4	91	11	1	12
Hamilton*	135	35	170	383	14	397	244	15	259	72	3	75
Kingston	23	4	27	106	12	118	40	2	42	25	......	25
Kitchener	68	12	80	116	3	119	32	2	34	42	2	44
Lindsay	8	......	8	46	4	50	12	1	13	6	......	6
London	56	8	64	401	35	436	134	10	144	18	1	19
L'Orignal	4	......	4	36	......	36	2	......	2	5	......	5
Milton	20	1	21	20	1	21	7	......	7	1	......	1
Napanee	11	......	11	14	......	14	5	......	5	1	1	2
Orangeville	4	......	4	4	......	4	6	......	6	......	......	......
Ottawa	121	20	141	698	93	791	173	13	186	42	6	48
Owen Sound	10	1	11	45	2	47	15	......	15	5	......	5
Pembroke	31	......	31	86	2	88	13	......	13	24	1	25
Perth	10	1	11	42	......	42	23	......	23	6	......	6
Peterboro	15	......	15	114	6	120	33	1	34	4	......	4
Picton	11	1	12	23	2	25	3	......	3	......	......	......
St. Catharines	8	......	8	98	7	105	26	1	27	10	1	11
St. Thomas	32	1	33	182	9	191	37	1	38	9	......	9
Sarnia	14	......	14	98	4	102	25	3	28	12	......	12
Simcoe	59	3	62	92	4	96	15	1	16	5	......	5
Stratford	23	2	25	33	......	33	10	......	10	......	......	......
Toronto*	1,277	219	1,496	1,219	131	1,350	1,352	174	1,526	635	50	685
Walkerton	5	......	5	16	2	18	10	......	10	5	......	5
Welland	37	......	37	88	2	90	58	......	58	24	1	25
Whitby	29	3	32	196	13	209	41	......	41	23	1	24
Windsor	197	11	208	293	18	311	122	25	147	22	3	25
Woodstock	21	2	23	127	5	132	22	1	23	8	......	8
District Gaols												
Bracebridge†	7	......	7	21	......	21	14	......	14	5	......	5
Fort Frances	22	2	24	86	5	91	17	1	18	4	......	4
Haileybury	......	......	......	121	8	129	82	12	94	39	......	39
Kenora	8	1	9	93	11	104	45	5	50	27	3	30
North Bay	20	3	23	188	14	202	62	3	65	17	2	19
Parry Sound	2	......	2	88	13	101	21	......	21	12	......	12
Port Arthur	27	6	33	506	44	550	334	30	364	55	16	71
Sault Ste. Marie	21	3	24	75	9	84	27	3	30	22	4	26
Sudbury	85	6	91	296	20	316	91	9	100	32	8	40
Totals	2,714	373	3,087	6,961	533	7,494	3,580	338	3,918	1,381	108	1,489

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 6

REFORMATORIES, PENITENTIARIES OR ELSEWHERE

City and County Gaols	3 Months			4 Months			5 Months			6 Months and Under 9 Months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	26	......	26	15	......	15	5	......	5	43	3	46
Belleville	21	2	23	3	......	3	......	......	......	3	......	3
Brampton	11	......	11	3	......	3	......	......	......	4	2	6
Brantford	35	......	35	2	......	2	1	......	1	6	......	6
Brockville	9	......	9	......	......	......	......	......	......	1	......	1
Cayuga	2	......	2	......	......	......	......	......	......	3	......	3
Chatham	5	......	5	3	......	3	2	......	2	19	......	19
Cobourg	8	......	8	1	......	1	......	......	......	4	......	4
Cornwall	10	......	10	......	......	......	......	......	......	6	1	7
Goderich	3	......	3	......	......	......	......	......	......	......	......	......
Guelph	27	1	28	......	......	......	......	......	......	1	......	1
Hamilton*	158	8	166	40	......	40	3	......	3	29	......	29
Kingston	23	......	23	1	......	1	......	......	......	6	......	6
Kitchener	13	......	13	6	......	6	......	1	1	15	......	15
Lindsay	3	......	3	......	......	......	2	......	2	4	......	4
London	56	1	57	5	......	5	2	......	2	21	4	25
L'Orignal	9	......	9	......	......	......	......	......	......	5	......	5
Milton	2	......	2	1	......	1	......	......	......	1	......	1
Napanee	1	......	1	......	......	......	......	......	......	1	......	1
Orangeville	2	......	2	......	......	......	......	......	......	2	......	2
Ottawa	72	10	82	4	......	4	14	1	15	14	2	16
Owen Sound	6	......	6	......	......	......	......	......	......	......	......	......
Pembroke	4	......	4	......	......	......	......	......	......	3	......	3
Perth	15	......	15	1	......	1	......	......	......	2	1	3
Peterboro	21	1	22	......	......	......	1	......	1	2	......	2
Picton	1	1	2	1	......	1	1	......	1	2	......	2
St. Catharines	15	1	16	3	......	3	......	......	......	5	......	5
St. Thomas	16	1	17	......	......	......	......	......	......	1	......	1
Sarnia	20	......	20	......	......	......	......	......	......	4	......	4
Simcoe	10	......	10	......	......	......	......	......	......	1	......	1
Stratford	12	......	12	2	......	2	1	......	1	3	......	3
Toronto*	558	36	594	66	2	68	8	......	8	256	14	270
Walkerton	5	1	6	1	......	1	......	......	......	......	......	......
Welland	38	......	38	11	......	11	......	......	......	22	1	23
Whitby	35	4	39	16	......	16	......	......	......	12	......	12
Windsor	76	2	78	7	......	7	1	......	1	14	......	14
Woodstock	12	......	12	3	......	3	1	......	1	4	......	4
District Gaols												
Bracebridge†	6	......	6	......	......	......	......	......	......	3	......	3
Fort Frances	11	......	11	2	......	2	......	......	......	2	......	2
Haileybury	59	7	66	8	......	8	......	......	......	32	1	33
Kenora	14	2	16	10	1	11	2	......	2	6	......	6
North Bay	41	5	46	1	2	3	2	......	2	26	1	27
Parry Sound	7	......	7	......	......	......	......	......	......	1	1	2
Port Arthur	126	24	150	26	1	27	2	......	2	23	2	25
Sault Ste. Marie	14	3	17	3	......	3	3	......	3	11	2	13
Sudbury	49	4	53	11	......	11	2	......	2	13	2	15
Totals	1,667	114	1,781	256	6	262	53	2	55	636	37	673

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

PERIOD OF SENTENCES—TO GAOLS

CITY AND COUNTY GAOLS	9 MONTHS AND UNDER 12 MONTHS			12 MONTHS AND UNDER 18 MONTHS			18 MONTHS AND UNDER 24 MONTHS			INDETERMINATE WITH DEFINITE OR OTHER SENTENCES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	6	......	6	56	......	56	70	......	70	12	3	15
Belleville	4	......	4	1	......	1	3	1	4	8	2	10
Brampton	......	......	......	2	......	2	2	......	2	7	1	8
Brantford	......	......	......	2	......	2	......	......	......	36	4	40
Brockville	......	......	......	......	......	......	......	......	......	49	2	51
Cayuga	......	......	......	......	......	......	1	......	1	6	......	6
Chatham	2	......	2	12	1	13	10	......	10	15	7	22
Cobourg	1	......	1	5	......	5	1	......	1	14	4	18
Cornwall	1	......	1	3	1	4	1	2	3	8	3	11
Goderich	......	......	......	......	......	......	1	......	1	6	2	8
Guelph	1	......	1	3	......	3	......	......	......	20	2	22
Hamilton*	20	......	20	41	......	41	12	......	12	115	36	151
Kingston	2	......	2	14	......	14	6	......	6	21	......	21
Kitchener	......	......	......	2	......	2	2	......	2	20	7	27
Lindsay	1	......	1	......	......	......	......	......	......	21	1	22
London	5	......	5	17	1	18	15	......	15	59	1	60
L'Orignal	1	......	1	2	......	2	......	......	......	2	......	2
Milton	......	......	......	1	......	1	......	......	......	5	......	5
Napanee	......	......	......	......	......	......	......	......	......	4	1	5
Orangeville	......	......	......	......	......	......	2	......	2	3	......	3
Ottawa	4	......	4	9	......	9	5	......	5	99	25	124
Owen Sound	......	......	......	......	......	......	......	......	......	3	......	3
Pembroke	......	......	......	2	......	2	1	......	1	7	......	7
Perth	......	......	......	5	......	5	1	......	1	3	......	3
Peterboro	......	......	......	3	......	3	......	......	......	20	......	20
Picton	......	......	......	......	......	......	......	......	......	3	......	3
St. Catharines	......	......	......	8	......	8	......	......	......	17	2	19
St. Thomas	......	......	......	3	1	4	......	......	......	13	2	15
Sarnia	......	......	......	......	......	......	......	......	......	14	2	16
Simcoe	1	......	1	......	......	......	......	......	......	11	......	11
Stratford	......	......	......	......	......	......	1	......	1	1	......	1
Toronto*	49	......	49	149	9	158	92	4	96	488	7	495
Walkerton	......	......	......	......	......	......	......	......	......	2	......	2
Welland	1	......	1	14	1	15	4	......	4	22	1	23
Whitby	......	......	......	2	......	2	2	......	2	28	1	29
Windsor	1	......	1	6	1	7	4	......	4	113	5	118
Woodstock	......	......	......	1	1	2	......	......	......	11	1	12
DISTRICT GAOLS												
Bracebridge†	1	......	1	3	......	3	......	......	......	1	......	1
Fort Frances	1	......	1	......	......	......	......	......	......	2	......	2
Haileybury	15	......	15	31	1	32	8	......	8	1	4	5
Kenora	1	......	1	3	......	3	......	......	......	18	1	19
North Bay	4	......	4	20	......	20	3	......	3	2	6	8
Parry Sound	......	......	......	2	......	2	1	1	2	9	......	9
Port Arthur	6	......	6	18	......	18	9	1	10	6	6	12
Sault Ste. Marie	3	......	3	6	1	7	1	......	1	11	9	20
Sudbury	1	......	1	18	......	18	4	1	5	24	......	24
TOTALS	132	......	132	464	18	482	262	10	272	1,360	148	1,508

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 6 (Concl'd)

REFORMATORIES, PENITENTIARIES OR ELSEWHERE

City and County Gaols	2 Years and Over to Penitentiaries			Sentenced to Death			Sentenced to Death but Sentence Commuted			Totals		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	5	......	5	1	......	1	......	......	......	556	26	582
Belleville	3	......	3	......	......	......	......	......	......	312	18	330
Brampton	4	......	4	1	......	1	......	......	......	103	6	109
Brantford	7	......	7	......	......	......	......	......	......	217	15	232
Brockville	3	......	3	......	......	......	......	......	......	225	17	242
Cayuga	5	......	5	......	......	......	......	......	......	129	3	132
Chatham	2	......	2	......	......	......	......	......	......	374	23	397
Cobourg	3	......	3	......	......	......	......	......	......	142	6	148
Cornwall	5	......	5	......	......	......	......	......	......	210	15	225
Goderich	6	......	6	......	......	......	......	......	......	38	4	42
Guelph	3	......	3	......	......	......	......	......	......	188	9	197
Hamilton*	30	2	32	......	......	......	......	......	......	1,282	113	1,395
Kingston	14	......	14	......	......	......	......	......	......	281	18	299
Kitchener	5	......	5	......	......	......	......	......	......	321	27	348
Lindsay	1	......	1	......	......	......	......	......	......	104	6	110
London	16	......	16	......	......	......	......	......	......	805	61	866
L'Orignal	4	......	4	......	......	......	......	......	......	70	......	70
Milton	5	......	5	......	......	......	......	......	......	63	2	65
Napanee	3	......	3	......	......	......	......	......	......	40	2	42
Orangeville	1	......	1	......	......	......	......	......	......	24	......	24
Ottawa	16	......	16	1	......	1	......	......	......	1,272	170	1,442
Owen Sound	2	......	2	......	......	......	......	......	......	86	3	89
Pembroke	2	......	2	1	......	1	......	......	......	174	3	177
Perth	......	......	......	......	......	......	......	......	......	108	2	110
Peterboro	6	......	6	......	......	......	......	......	......	219	8	227
Picton	......	......	......	......	......	......	......	......	......	45	4	49
St. Catharines	15	......	15	......	......	......	......	......	......	205	12	217
St. Thomas	1	1	2	......	......	......	......	......	......	294	16	310
Sarnia	1	......	1	......	......	......	......	......	......	188	9	197
Simcoe	4	......	4	......	......	......	......	......	......	198	8	206
Stratford	1	......	1	......	......	......	......	......	......	87	2	89
Toronto*	141	5	146	......	......	......	......	......	......	6,290	651	6,941
Walkerton	4	......	4	1	......	1	......	......	......	49	3	52
Welland	6	......	6	......	......	......	......	......	......	325	6	331
Whitby	8	......	8	1	......	1	......	......	......	393	22	415
Windsor	26	......	26	......	......	......	......	......	......	882	65	947
Woodstock	2	......	2	......	......	......	......	......	......	212	10	222
District Gaols												
Bracebridge†	2	......	2	......	......	......	......	......	......	63	......	63
Fort Frances	2	......	2	......	......	......	......	......	......	149	8	157
Haileybury	18	......	18	......	......	......	......	......	......	414	33	447
Kenora	7	1	8	......	......	......	......	......	......	234	25	259
North Bay	7	......	7	......	......	......	......	......	......	393	36	429
Parry Sound	4	......	4	......	......	......	......	......	......	147	15	162
Port Arthur	21	......	21	......	......	......	......	......	......	1,159	130	1,289
Sault Ste. Marie	3	......	3	......	......	......	......	......	......	200	34	234
Sudbury	22	......	22	......	......	......	......	......	......	648	50	698
Totals	446	9	455	6	......	6	......	...		19,918	1,696	21,614

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE

CELL ACCOMMODATION; DAYS' STAY; GREATEST, LEAST AND

City and County Gaols	Male Accommodation	Female Accommodation	Greatest Number of Male and Female Prisoners During Yr.	Greatest Number of Male Prisoners During Year	Greatest Number of Female Prisoners During Year	Least Number of Male and Female Prisoners During Yr.	Least Number of Male Prisoners During Year	Least Number of Female Prisoners During Year	Average Daily Gaol Population
Barrie	24	8	70	68	9	19	18	......	40.9
Belleville	18	6	41	40	6	12	11	......	23.2
Brampton	24	8	14	18	3	4	2	......	8.6
Brantford	24	8	34	34	3	7	6	......	18.5
Brockville	24	4	30	29	3	8	6	......	14.9
Cayuga	8	4	14	13	1	4	1	......	5.5
Chatham	35	6	49	47	4	13	13	......	25.1
Cobourg	16	8	18	20	2	7	3	......	10.9
Cornwall	18	4	28	28	4	5	4	......	15.5
Goderich	9	3	11	11	2	2	2	......	6.0
Guelph	28	6	26	25	3	7	4	......	11.7
Hamilton*	84	13	115	104	14	51	43	2	83.1
Kingston	33	15	33	30	3	13	11	......	20.5
Kitchener	43	5	32	30	6	8	7	......	19.4
Lindsay	30	6	15	14	2	2	1	......	5.1
London	72	9	72	67	10	30	26	......	45.0
L'Orignal	18	6	11	11	1	1	1	......	5.3
Milton	17	6	7	13	1	4	2	......	5.3
Napanee	18	5	7	6	1	......	......	......	2.5
Orangeville	18	5	7	7	1	......	......	......	2.5
Ottawa	120	24	104	94	17	51	43	4	71.8
Owen Sound	34	6	13	9	2	4	1	......	5.5
Pembroke	24	8	24	21	3	3	1	......	9.6
Perth	18	6	15	15	1	2	1	......	8.6
Peterboro	18	6	28	27	3	10	9	......	16.3
Picton	18	10	6	8	2	1	1	......	3.8
St. Catharines	45	8	27	27	4	6	4	......	13.7
St. Thomas	13	4	40	40	3	3	3	......	15.6
Sarnia	32	6	20	20	4	5	4	......	11.5
Simcoe	20	5	20	24	2	5	2	......	9.5
Stratford	26	4	13	13	2	7	1	......	6.2
Toronto*	248	39	442	402	54	179	159	17	280.6
Walkerton	28	4	10	11	2	3	1	......	4.6
Welland	47	9	61	60	3	20	19	......	32.6
Whitby	25	6	35	34	5	13	7	......	22.4
Windsor	80	29	111	106	14	40	35	......	72.0
Woodstock	24	5	28	27	2	5	4	......	12.4
DISTRICT GAOLS									
Bracebridge†	13	2	8	11	1	6	1	......	4.7
Fort Frances	14	3	18	16	2	......	......	......	5.3
Haileybury	33	3	82	74	9	28	22	1	47.5
Kenora	22	6	35	35	6	10	9	......	22.4
North Bay	50	9	58	48	10	17	16	......	31.0
Parry Sound	20	2	18	15	3	2	......	......	5.6
Port Arthur	67	9	156	139	23	64	58	5	98.0
Sault Ste. Marie	20	3	39	34	9	10	7	1	21.0
Sudbury	59	10	74	70	9	20	19	......	41.1

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

No. 7

AVERAGE NUMBER OF PRISONERS—For the Year Ending March 31, 1946

CITY AND COUNTY GAOLS	NUMBER COMMITTED DURING YEAR	NUMBER PAID FOR BY PROVINCE	NUMBER PAID FOR BY MUNICIPALITY	NUMBER OF DAYS' STAY OF GOVERNMENT PRISONERS	NUMBER OF DAYS' STAY OF MUNICIPALITY PRISONERS	TOTAL NUMBER OF DAYS' STAY OF ALL PRISONERS
Barrie	964	354	610	8,375	6,558	14,933
Belleville	615	76	539	2,323	6,159	8,482
Brampton	221	66	155	1,195	1,946	3,141
Brantford	356	105	251	2,265	4,486	6,751
Brockville	318	140	178	2,332	3,122	5,454
Cayuga	157	51	106	892	1,128	2,020
Chatham	460	120	340	2,258	6,887	9,145
Cobourg	204	76	128	1,797	2,174	3,971
Cornwall	312	44	268	2,012	3,647	5,659
Goderich	72	50	22	1,368	814	2,182
Guelph	245	52	193	1,392	2,879	4,271
Hamilton*	1,777	484	1,293	9,199	21,138	30,337
Kingston	375	164	211	2,587	4,907	7,494
Kitchener	444	114	330	2,239	4,846	7,085
Lindsay	120	44	76	927	938	1,865
London	1,115	358	757	5,086	11,363	16,449
L'Orignal	99	44	55	1,140	800	1,940
Milton	103	40	63	970	957	1,927
Napanee	74	11	63	383	544	927
Orangeville	46	14	32	499	418	917
Ottawa	1,634	450	1,184	9,474	16,725	26,199
Owen Sound	129	42	87	844	1,159	2,003
Pembroke	243	27	216	1,452	2,067	3,519
Perth	127	52	75	907	2,237	3,144
Peterboro	262	34	228	1,320	4,633	5,953
Picton	75	8	67	735	657	1,392
St. Catharines	266	94	172	1,927	3,085	5,012
St. Thomas	405	96	309	2,584	3,123	5,707
Sarnia	263	42	221	1,441	2,763	4,204
Simcoe	449	54	395	1,076	2,396	3,472
Stratford	113	13	100	880	1,373	2,253
Toronto*	9,886	1,744	8,142	31,712	70,702	102,414
Walkerton	91	47	44	828	844	1,672
Welland	478	172	306	5,045	6,846	11,891
Whitby	468	78	390	3,302	4,890	8,192
Windsor	1,222	354	868	9,124	17,164	26,288
Woodstock	300	28	272	1,481	3,032	4,513
DISTRICT GAOLS						
Bracebridge†	104	104	....	1,521	....	1,521
Fort Frances	210	123	87	1,670	291	1,961
Haileybury	518	518	....	17,346	....	17,346
Kenora	342	342	....	8,178	....	8,178
North Bay	531	531	....	11,332	....	11,332
Parry Sound	234	234	....	2,035	....	2,035
Port Arthur	1,416	255	1,161	10,345	25,440	35,785
Sault Ste. Marie	375	375	....	7,672	....	7,672
Sudbury	1,191	1,191	....	15,012	....	15,012
TOTALS	29,409	9,415	19,994	198,482	255,138	453,620

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

TABLE No. 8

MAINTENANCE AND AVERAGE COST OF EACH PRISONER AND TOTAL COST FOR YEAR IN CITY, COUNTY AND DISTRICT GAOLS

City and County Gaols	Cost of Food	Cost of Clothing, Fuel and Ordinary Maintenance	Cost of Officers' Salaries	Cost of Alterations, Additions and Repairs to Buildings	Total Expenditure for Maintenance for the Year	Average Cost of Each Prisoner per Day	Average Cost per Day for Clothing, Fuel and Ordinary Maintenance	Daily per Capita Dietary Cost
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$	$
Barrie	3,535.79	9,193.77	13,218.64	596.49	26,544.69	1.77	.6156	.2367
Belleville	1,280.10	1,937.13	5,659.00		8,876.23	1.04	.2283	.1509
Brampton	659.01	972.03	6,805.03	365.33	8,801.40	2.80	.3094	.2098
Brantford	1,438.54	1,661.77	12,950.76	300.00	16,351.07	2.42	.2461	.2131
Brockville	1,251.62	1,458.78	8,353.25	723.43	11,787.08	2.16	.2674	.2294
Cayuga	514.76	688.57	7,304.00	780.00	9,287.33	4.59	.3408	.2548
Chatham	1,564.50	2,792.44	10,221.51	521.27	15,099.72	1.65	.3053	.1710
Cobourg	676.04	2,129.20	4,620.00	1,439.77	8,865.01	2.23	.5361	.1702
Cornwall	1,195.15	2,497.77	10,806.50	469.00	14,968.42	2.64	.4413	.2111
Goderich	352.78	783.32	5,883.40		7,019.50	3.21	.3589	.1616
Guelph	745.01	1,282.45	7,798.08	156.80	9,982.34	2.33	.3002	.1744
Hamilton*	5,755.03	3,269.00	34,096.57	2,287.00	45,407.60	1.49	.1077	.1896
Kingston	1,560.81	1,634.10	9,467.15	1,297.13	13,959.19	1.86	.2180	.2082
Kitchener	1,248.20	2,254.34	11,328.97	2,095.21	16,926.72	2.38	.3181	.1761
Lindsay	297.33	2,155.97	5,283.33	144.30	7,880.93	4.22	1.1560	.1594
London	3,951.64	3,388.87	23,008.38		30,348.89	1.84	.2060	.2402
L'Orignal	364.63	1,472.29	5,700.20	175.92	7,713.04	3.97	.7589	.1879
Milton	375.38	751.97	6,181.30	35.00	7,343.65	3.81	.3902	.1948
Napanee	170.21	926.50	4,872.10	58.96	6,027.77	6.50	.9994	.1836
Orangeville	163.16	608.14	4,519.50	114.45	5,405.25	5.89	.6631	.1779
Ottawa	4,986.00	10,316.81	44,995.53	7,659.25	67,957.59	2.59	.3937	.1903
Owen Sound	495.37	1,645.41	5,581.95		7,722.73	3.85	.8214	.2473
Pembroke	714.53	516.50	6,481.30	458.40	8,170.73	2.32	.1467	.2030
Perth	707.74	1,024.75	5,455.21	885.01	8,072.71	2.56	.3259	.2251
Peterboro	1,283.44	1,866.46	8,234.98		11,384.88	1.91	.3135	.2156
Picton	304.94	1,107.07	3,122.74	268.03	4,802.78	3.45	.7953	.2190
St. Catharines	1,003.89	2,117.95	10,375.30	228.40	13,725.54	2.73	.4225	.2002
St. Thomas	1,207.71	1,528.52	9,096.37	1,622.23	13,454.83	2.35	.2678	.2116
Sarnia	1,252.59	1,099.48	8,665.08	618.90	11,636.05	2.76	.2615	.2979
Simcoe	592.71	749.93	6,637.76	913.55	8,893.95	2.56	.2159	.1707
Stratford	330.28	1,379.31	6,133.80	1,578.55	9,421.94	4.17	.6122	.1465
Toronto*	20,950.20	18,394.32	130,420.00	3,410.24	173,174.76	1.69	.1796	.2045
Walkerton	285.72	180.71	5,442.00	147.75	6,056.18	3.62	.1080	.1708
Welland	2,560.41	3,629.62	12,336.30	236.68	18,763.01	1.57	.3052	.2153
Whitby	1,882.67	3.255.19	8,202.75	767.80	14,108.41	1.72	.3973	.2298
Windsor	6,139.85	7 763.01	28,939.58	1,385.96	44,228.40	1.68	.2953	.2335
Woodstock	812.33	2,917.71	7,189.61	2,196.77	13,116.42	2.90	.6465	.1800
District Gaols								
Bracebridge†	294.09	346.97	6,146.30		6,787.36	4.46	.2281	.1933
Fort Frances	296.44	249.45	9,850.71	152.67	10,549.27	5.38	.1272	.1511
Haileybury	3,428.57	3,592.89	19,620.47		26,641.93	1.53	.2071	.1976
Kenora	1,786.13	2,802.27	15,336.27	572.83	20,497.50	2.50	.3426	.2184
North Bay	2,623.73	3,143.59	20,115.04	82.05	25,964.41	2.29	.2774	.2315
Parry Sound	351.73	510.42	10,433.44	25.00	11,320.59	5.56	.2508	.1728
Port Arthur	9,905.45	10,240.88	32,716.87		52,863.20	1.47	.2861	.2768
Sault Ste. Marie	1,140.54	3,530.66	14,757.77	252.76	19,681.73	2.56	.4602	.1486
Sudbury	2,818.37	2,365.85	22,243.92		27,428.14	1.82	.1576	.1877
Totals	95,255.12	128,134.14	656,608.72	35,022.89	915,020.87	2.02	.2825	.2100

*City gaols.

†District gaol, Bracebridge, closed February 15, 1946.

REPORT

OF THE

MINISTER OF PUBLIC WELFARE

PROVINCE OF ONTARIO

FOR THE FISCAL YEAR

1945-1946

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

ONTARIO

TORONTO

Printed and Published by Col. Baptist Johnston, O.B.E.,
Printer to the King's Most Excellent Majesty
1947

Sessional No. 19

TO THE HONOURABLE RAY LAWSON, O.B.E., LL.D.,

Lieutenant Governor of the Province of Ontario,
in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the pleasure to transmit herewith the Fifteenth Annual Report of the Department of Public Welfare, for the fiscal year 1945-46.

I am privileged to be, sir,

Your obedient servant,

W. A. GOODFELLOW,
Minister

Toronto,
March 27, 1947.

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REPORT OF THE DEPUTY MINISTER

To The Honourable W. A. Goodfellow,
Minister of Public Welfare.

Sir:

The undersigned has the honour to submit herewith the Fifteenth Annual Report of the Department of Public Welfare.

Included in the statement covering all departmental activities are reports of the Mothers' Allowances Commission, the Old Age Pensions Commission and the Superintendent of Neglected and Dependent Children, together with supporting statistical data, for the fiscal year April 1st, 1945, to March 31st, 1946.

All of which is respectfully submitted.

B. W. Heise,
Deputy Minister.

DEPARTMENT OF PUBLIC WELFARE

Minister
THE HONOURABLE W. A. GOODFELLOW

Deputy Minister
B. W. HEISE

S. N. Asbury	Executive Assistant

Old Age Pension Commission

C. H. Green	Chairman
B. W. Heise	Vice-Chairman
Mrs. Mary M. Powell	Commissioner

Mothers' Allowances Commission

H. Bentley	Chairman
Miss E. V. McKechnie	Vice-Chairman
B. W. Heise	Commissioner

Investigational Services

Miss Nora E. Smyth	Supervisor

Division of Child Welfare

B. Beaumont	Director

Children's Aid

W. H. Bury	Assistant Director

Day Nurseries

Miss E. M. Stapleford	Supervisor

Unemployment Relief

J. S. Band	Director

Houses of Refuge and Homes for the Aged

L. E. Ludlow	Inspector

Soldiers' Aid Commission

Lieut. Col. E. A. Baker, O.B.E., M.C., LL.D.	Chairman
Brigadier T. J. Rutherford, E.D	Commissioner
Col. J. A. Dewart, M.C	Commissioner
Major F. R. Palmer	Commissioner
Charles J. Brown	Commissioner
Walter F. Charteris, M.D	Commissioner
T. Summers Wilson	Commissioner
F/Lt. A. L Bell	Commissioner
Colonel W. Rhoades, D.S.O., M.C.	Director

PART I.

PUBLIC WELFARE IN ONTARIO

OLD AGE PENSIONS

Old Age and Blind Pensions in Ontario, as administered under The Old Age Pensions Act, constitute the largest programme, not only in the number of persons in need of assistance, but also in the proportionate provision which is made for the purpose of meeting these needs. At the end of the fiscal year March 31st, 1946, there were 62,374 persons receiving benefits under this programme and expenditures for that month alone were $1,726,226.13. The number receiving assistance in March, 1946, represented a 4.7% increase over the number receiving assistance during March, 1945. The whole reason for this increase is not clear, as yet, except that undoubtedly it is influenced by the fact that job opportunities for elderly people, not able to work in full capacity, have been declining steadily since the cessation of hostilities.

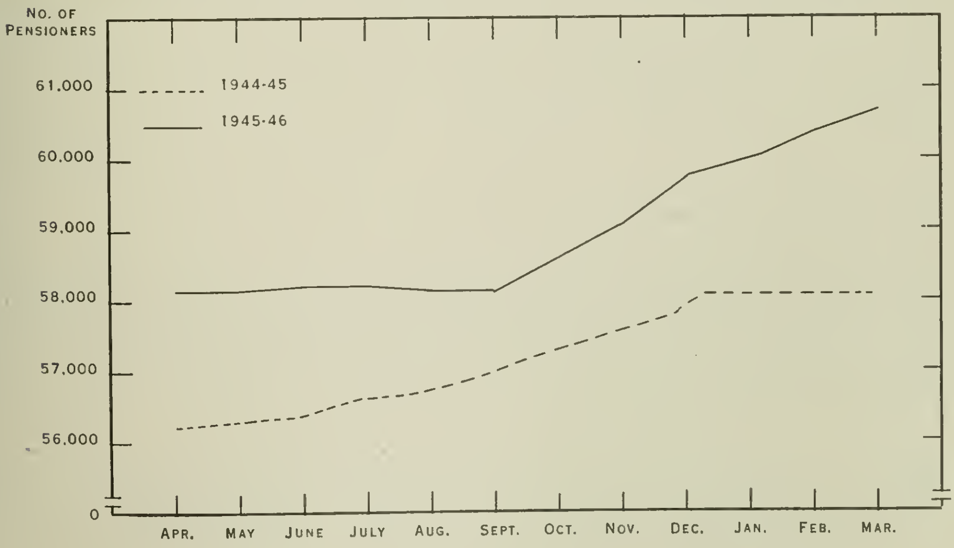
In 1929-30, the first full year pensions were granted, 34,066 persons received assistance. Since the inception of Old Age Pensions in Ontario, the case-load has increased by 78.5%. During the intervening years, a total of 173,480 pensions have been granted. A few of the original grants made in 1929-30 still remain on the active paylist. The end of the fiscal year saw the old age pensions case-load exceed by 704 the former peak load which was in December of 1940, at which time there were 60,127 persons receiving old age pensions in Ontario.

As the case-load remained high and relatively uniform through the war years, when remunerative work was readily available, it is anticipated that the number of aged persons who will find it necessary to apply for pensions will of a certainty increase. However, the extent of increase and its rapidity is problematical.

Chart I shows a comparison of Old Age Pensions case-loads for the fiscal years 1944-45 and 1945-46.

Chart I

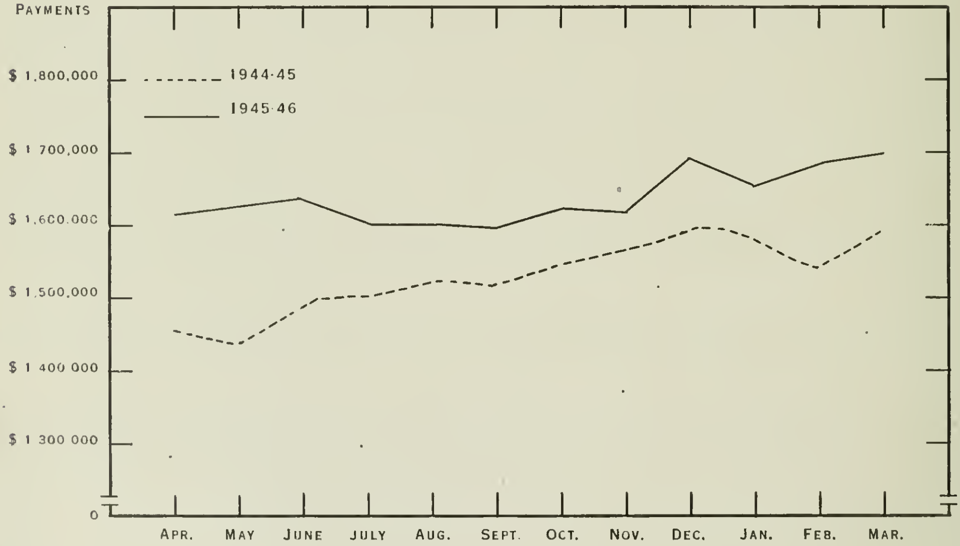
Persons receiving Old Age Pensions during the fiscal years 1944-45 and 1945-46.



There was an increase of 2,718 cases during the year and of this number 2,171 were added during the last six months of the year. Total obligations incurred for Old Age Pensions during the current year increased $1,124,646.25 over the previous year. The amount paid out in March, 1946, represented an increase of $77,600.35 over the amount paid out in March, 1945. Chart II shows monthly comparative payments since April, 1944.

Chart II

Obligations incurred for Old Age Pensions during the fiscal years 1944-45 and 1945-46

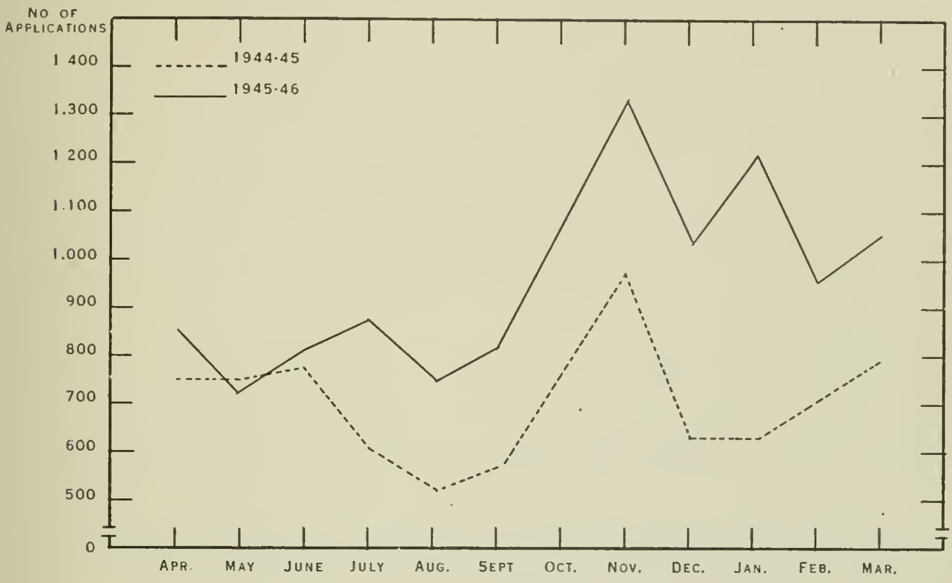


In April, 1944, $1,463,933.44 was paid to Old Age Pensioners, but by March 1946, the amount had increased to $1,682,132.45. The average pension payment increased during the year from $26.53 to $27.11 per pensioner, due mainly to decreased income.

During the current reporting period, 11,557 applications were received, compared with 8,508 the previous year. The increase began in October, 1945, and continued through to the end of the year. The trend in applications received may be seen in Chart III.

Chart III

Applications for Old Age Pensions received during the fiscal years 1944-45 and 1945-46



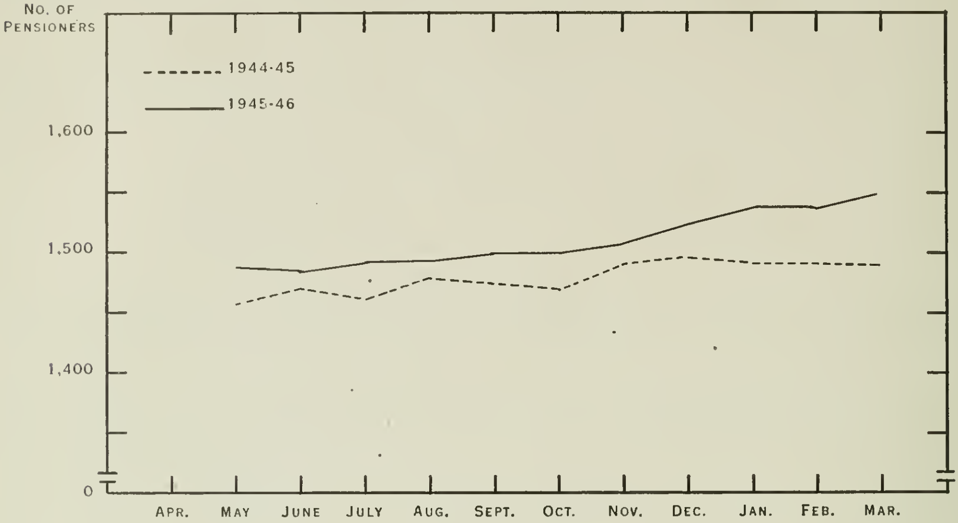
For the first six months, the number of applications, although showing a slight increase over the same period of the previous year, follow to some extent the same general trend. The increase in applications, beginning in October, was marked. Approximately four-fifths of the applications received were approved, totalling 9,200 for the year. Applications totalling 1,590 were refused, only after complete investigation and because qualifications were insufficient to meet the requirements of the Act and Regulations. Applications were not formally refused until every effort had been made to assist the applicants to obtain the required statutory qualifications. Consequently, a large number of pending applications was carried over into the new year.

The number of cases closed during the year averaged almost 74 per month more than the previous year. In the current year, 8,517 Old Age Pension cases were closed, an increase of 887 over the previous year. During 1945-46, of those cases closed 76% were closed because of death of the pensioner. Employment of pensioner or spouse accounted for 15.9% of the cases closed, transfers to other provinces 5.3% and other reasons 2.8%. On the whole, the percentage distribution of reasons for discontinuing assistance changed very little.

The Blind Pensions case-load is more stable than other assistance categories and is also the smallest. In April, 1945, there were 1,489 Blind Pensioners. By March, 1946, there were 1,543 Blind Pensioners—a net increase of 54. Since 1943-44, there has been only a slight increase in the case-load (Chart IV).

Chart IV

Persons receiving Blind Pension during the fiscal years 1944-45 and 1945-46.

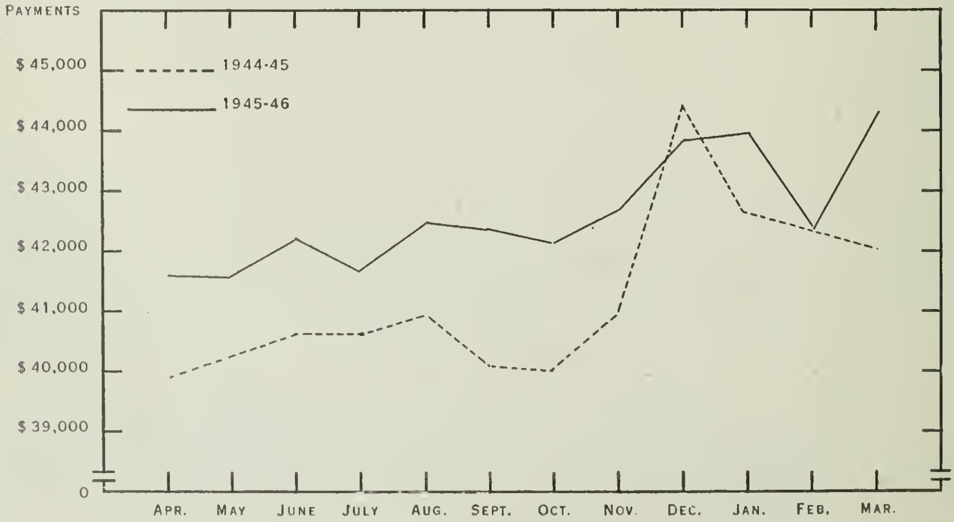


There were 228 applications received for Blind Pension during the year and 257 were approved, (this was the result of a carry over from the previous year). These figures represent a slight increase over the previous year.

A total of 139 cases were closed, showing a decrease of one under the previous year. The greater part of the cases closed was because of death of the pensioner; other reasons were: vision wholly or partially restored, employment of pensioner or spouse, and transfer of pensioner to other provinces.

Chart V

Obligations incurred for Blind Pensions during the fiscal years 1944-45 and 1945-46.



Obligations incurred for pensions to the blind during the year totaled $437,993.12—an increase of $13,921.59 over the previous year. The amount paid in pensions to the blind increased from $38,066.87 in March, 1944, to $44,093.68 in March, 1946, representing an increase of 16%.

MOTHERS' ALLOWANCES

This report covers the twenty-fifth year of the administration of The Mothers' Allowances Act. During these years, a total of $77,139,536 has been granted to families in Ontario where the breadwinner has died, become permanently disabled or deserted the family.

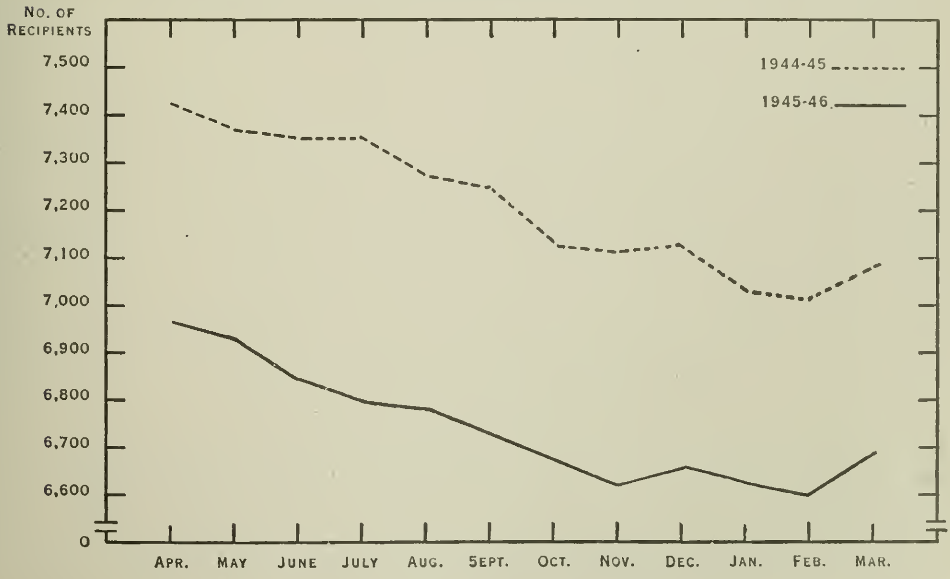
This aid to families has been an important factor in framing the future of a large number of children in the Province, much greater than the amount of allowance would seem to indicate.

The original Act was intended for widows, but later was enlarged to include families where the husband was totally and permanently unemployable, and still later to include a deserted wife and children under certain conditions, and also orphaned children. Beneficiaries under the widow clause, however, have at all times composed the largest group assisted; at present they constitute 71% of the case-load. Incapacitation cases make up 21% and the balance is 4% each, for desertion and foster-mother cases.

The smallest number of families assisted in one year was 2,660 in 1920-21, the first full year the Act was in effect. The largest number assisted in any one year was 12,242 in 1938-39. From that time until March, 1943, the decline in the Mothers' Allowances case-load was quite rapid. Since March, 1943, there has been a more gradual decrease in the number of beneficiaries. This decline in case-load is attributed to improved economic conditions prevailing during the period. See Chart VI.

Chart VI

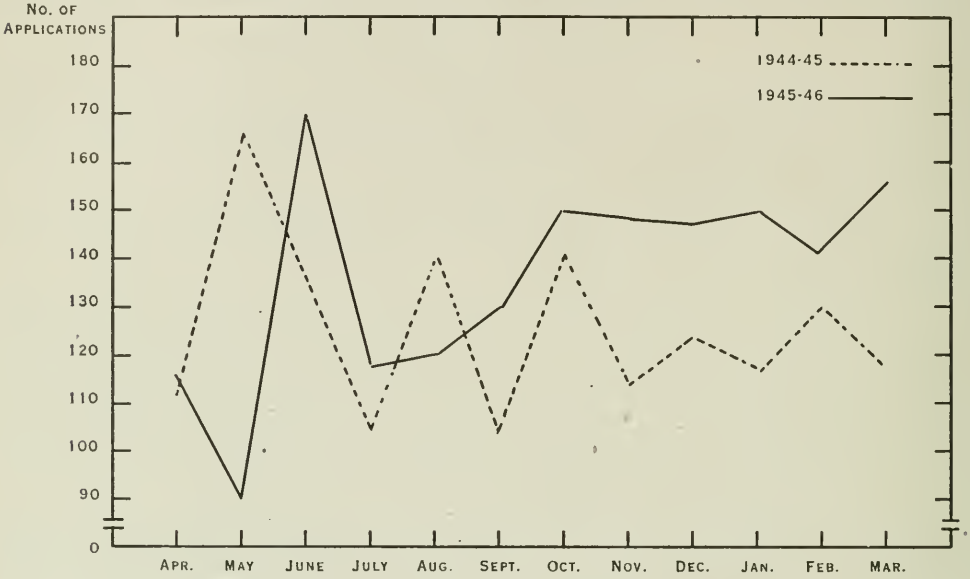
Families assisted under the Mothers' Allowances Act during the fiscal years 1944-45 and 1945-46.



The number of applications received during the period under review totaled 1,641, being a net increase of 8.6% over the number received the previous year. See Chart VII.

Chart VII

Applications for Mothers' Allowances aid during the fiscal years 1944-45 and 1945-46·

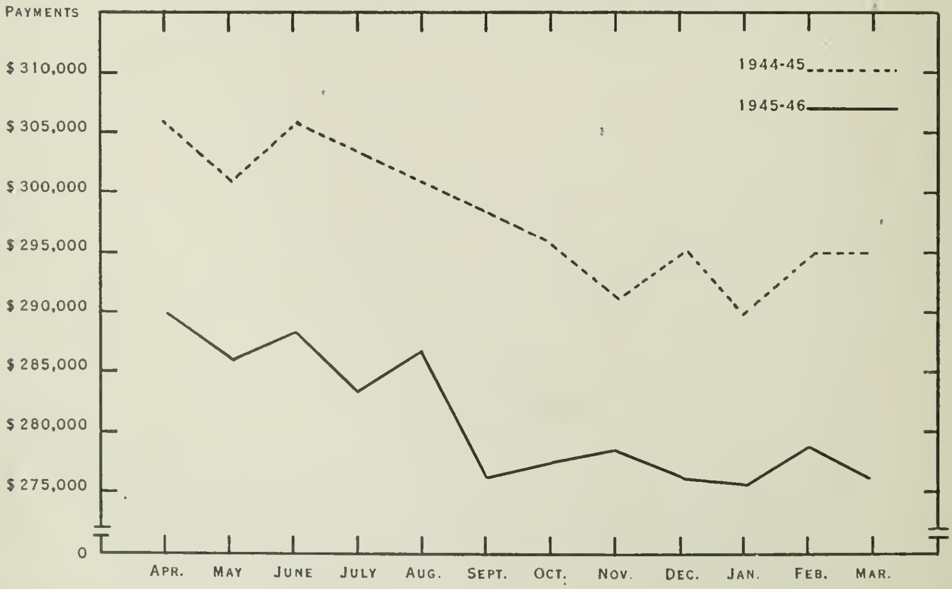


A total of 796 applications were approved, comprising 49.1% of the applications received.

The amount of obligations incurred totaled $3,375,547.45 during the year, a decrease of $205,704.23 under the previous year. Comparative monthly payments for the past two years are shown in Chart VIII.

Chart VIII

Obligations incurred for Mothers' Allowances aid during the fiscal years 1944-45 and 1945-46.



The obligations for March, 1946, represented a 7.1% decrease under the amount expended in March, 1945. The average payment increased from $41.68 to $41.91 during the year.

Payment was discontinued in 1,616 cases. This number represents an approximate 4% decrease under the number closed during the previous fiscal year. There were no marked changes in the proportion of cases closed for specific reasons.

Cancer is the largest single contributing factor in the cause of death of husbands of applicants under the widow clause. Tuberculosis is the second largest factor. Under the incapacitation clause, plumonary tuberculosis is the largest single contributing factor.

INVESTIGATIONAL SERVICES

The volume of work in connection with the investigation of applications has made it necessary to increase the field staff. The one hundred and three investigators for Mothers' Allowances and Old Age Pensions had an exceptionally buys year completing 11,759 first records of investigation, 61,116 yearly reports no Old Age Pensions and 24,728 visits on Mothers' Allowances beneficiaries, including 13,464 first investigations and 6,224 yearly reports.

The type of field staff employed is important and much of the development of this staff can be attributed to the five District Supervisors who, in their contacts with the investigators, interpret and clarify regulations and develop uniformity among the workers. In addition, when requested by Old Age Pension and Mothers' Allowance applicants, the investigators are required to assist in obtaining the necessary information for the completion of their applications.

Some progress has been made in simplifying administrative procedures and eliminating paper work. In this way, the work load of the investigator is being eased, as well as that of the Department itself, thus offsetting some of the difficulties that beset public administration. This simplification of mechanics affects the investigation of eligibility for assistance as well as case-recording, accounting, and statistical reporting.

CHILD WELFARE

The Division of Child Welfare, formed over a year ago, is co-ordinating the various children's services within the Department.

The Division has particularly stressed improvement in standards of care provided for children by organizations and institutions, the return of British children to the United Kingdom and the efficient operation of Day Nursery services.

The following report indicates definite progress in the Child Welfare services of the Province.

CHILDREN'S AID BRANCH

The purpose of this report is to indicate in what degree the activities of the Children's Aid Branch and the Children's Aid Societies of the Province of Ontario have, during the war years and the first eight months of peace, met with success.

The Children's Aid Societies are charged with the administration of the Children's Protection Act, the Adoption Act and the Children of Unmarried

Parents' Act, under the supervision of the Children's Aid Branch. Their normal work was increased very greatly during the war by the assumption of extra work for the Department of National Defence.

During the four or five years immediately prior to the war, the local Children's Aid Societies steadily increased their interest in this service. Contrary to expectation, and despite the effects of war and demobilization, analysis has shown that this activity, by the end of March, 1946, had attained the highest level in the history of the service.

A study of the executive and field staff, the efficiency of financial and administrative operations produced similar results.

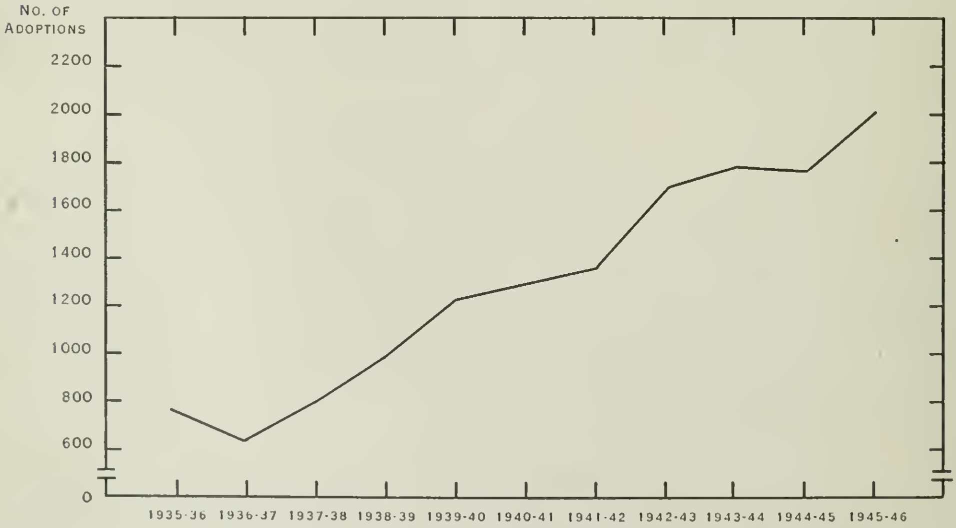
The high general demand during the war years, for clerical workers, reduced the number and efficiency of those employed by Children's Aid Societies until the low point for the war was reached in March, 1945. By March, 1946, part of the loss had been regained. Unfortunately, the lack of staff contributed greatly to a serious decline in the recording of the work, but since the cessation of hostilities an improving trend has been re-established.

In 1942-43, medical services were much better than ever before but, due to the enlistment of medical personnel and the increased work of the Societies, they were reduced during the two succeeding years. By March 1946, however, the situation had much improved and the Societies were rapidly recovering their earlier levels.

The programme and case work services in the Preventive, Child Care, and Unmarried Parent fields, including adoptions, faltered somewhat in their general improvement during the later war years, but by March, 1946 they were again improving and had more than regained their previous position.

Chart IX

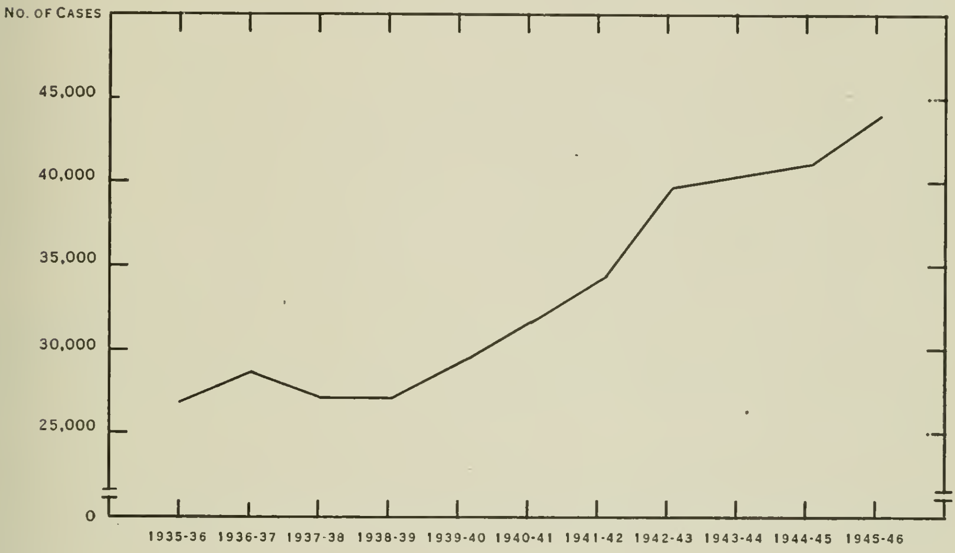
Adoptions completed during the period 1935-36 to 1945-46.



A comparison of the total number of cases supervised in 1935-36 (27,500) with those supervised in 1945-46 (44,300) shows that the improving quality of service has not been the result of fewer cases, but has been accomplished during the past ten years in spite of an over all increase of 59%. During the war, the Children's Aid Societies had the additional responsibility of 14,000 military cases per year.

Chart X

Number of cases supervised during the period 1935-36 to 1945-46.



This work has been expensive, municipal costs have increased 112% and provincial cost 195%, but maintenance payments from parents and others have increased by 1300% over the last ten years indicating, at least in part, an increased acceptance of parental responsibility.

In conclusion it may be said that, despite the increasing responsibilities faced by the Children's Aid services during the past ten critical years, they have not only maintained past standards but have improved and extended them to the point where they are now assisting more children and families more effectively than ever before.

DAY NURSERIES BRANCH

I. DAY NURSERIES—During the past year five additional Day Nurseries were opened—three in Toronto, one in Hamilton, and one in Sarnia, thus bringing to twenty-eight the number of Day Nurseries operating under the Dominion-Provincial agreement for the care of children of working mothers. The total capacity of these nurseries is 1,135 children.

In addition, the number of private Day Nurseries receiving per capita grants for those children in their care whose mothers are employed in essential industry has increased from two to six.

Health Procedure

Each parent applying for admittance of a child is required to take the child to the Public Health Clinic for a complete medical examination prior to entrance. Inoculations have been required as a routine measure, and medical examination is repeated yearly. Thus, to date, 3,900 pre-school children have received preventive medical care. In all cases of physical ailments, advice as to treatment has been given. Regular physical inspection of each child has been standardized at a minimum of twice weekly.

Daily Program

Standard requirements for nursery building layout necessary to operate an adequate programme have been evolved, and a standard listing of furnishings and equipment prescribed. Through continual experiment and review, daily nursery procedure has become increasingly effective in meeting safety, health and educational needs of pre-school children. The possible effects of long hours spent in a large group of young children have been largely alleviated, and the educational value of a good nursery school has been retained. The daily timetable is planned to maintain a careful balance between various types of activity such as routine and play, indoor and outdoor, social and individual activity.

Principles basic to wise guidance of children have been studied and accepted by all staff members. In general, consideration has been given to the development in children of co-operation, responsibility, self-control, social adjustment and creative effort.

The Wartime Day Nursery Program has enabled mothers to enter employment, confident that adequate care is provided for their young children. It should be noted that the majority of parents making use of the Wartime Day Nurseries have proved to be those who have a genuine concern for the welfare of their children. Use of the Day Nurseries has not, therefore, been a means of shifting parental responsibillity, but largely an expression of parental concern.

Parent Education

An important extension of the work of the Nurseries has been an increasing emphasis on parent education. Parents who are already undertaking the double burden of working outside the home as well as homemaking, have shown a keen interest in monthly discussions on child training. These meetings have brought about a closer understanding between the parents and the nursery staff, which has been beneficial to the children.

II. DAY CARE CENTRES—During the year, forty-one Day Care Centres have been in operation, with a total capacity of approximately 3,200 children. Continual attention has been given to the nutritional programme and special emphasis has been placed on the recreational periods outside of school hours.

BRITISH CHILD GUESTS

Of the 624 British Child Guests who were placed in the Province of Ontario, 62 now remain under the supervision of the various local Children's Aid Societies.

With the cessation of hostilities in Europe, the programme of returning these children to their homes in the United Kingdom was greatly accelerated and 544 have now rejoined their parents. It is pleasing to note that every child returned safely without misadventure.

The following is a summary of the British Child Guest movement in Ontario as of March 31st, 1946:

Number of British Child Guests September 1940				624
Total number of children who had returned to the United Kingdom up to March 31st, 1945			115	
Total number of children who have returned during the past year			429	
Total returned as of March 31st, 1946			544	
Discharged from supervision:				
Married	2			
Killed in action overseas—R.C.A.F.	1			
Officially withdrawn from Scheme	8			
Transfers to other Provinces	4			
Reached majority (age 21)	2			
Adopted by foster parents	1	18		
Total returned or discharged				562
British Child Guests still remaining under supervision in Province				62

Privately Evacuated Children

Privately evacuated children under supervision in the Province since September 1940	156
Returned to United Kingdom or discharged	127
Still remaining in the Province, including those for full responsibility and those for supervision only	29

CHILDREN'S INSTITUTIONS

Forty-one children's institutions qualified under the Charitable Institutions Act in the year under review.

There is evidence of a developing interest in improved programmes within the institutions. Information is being sought in some cases to provide specialized services to children who present behaviour difficulties.

Many institutions are now making provision for short-time care only, at the same time co-operating with other social agencies on intake, discharge, and follow-up services.

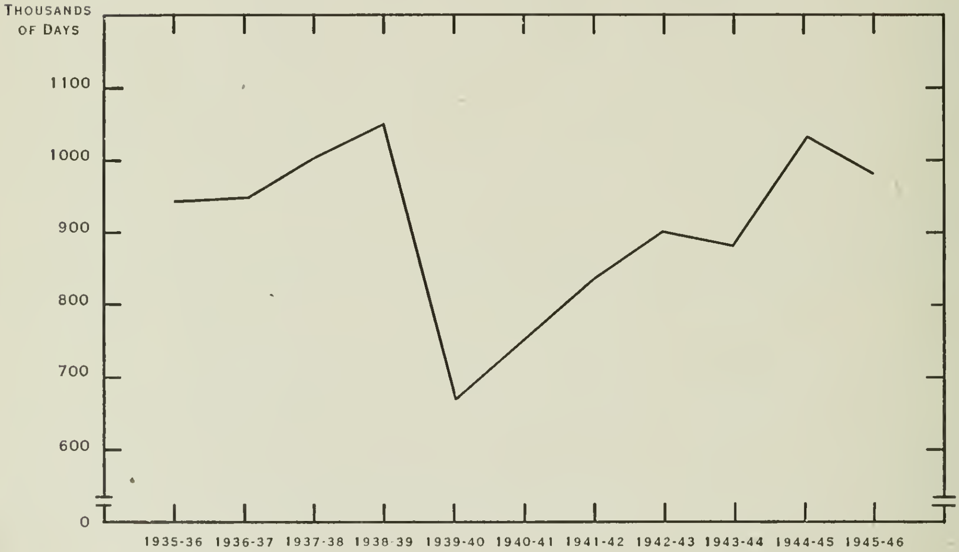
Two institutions have completed a survey of all children in care, following which certain children were made wards of the Children's Aid Society and others re-established with parents or relatives. Children who were in need of temporary care, with a potential plan of re-establishment, remained in the institution.

The per diem cost of all institutions ranged from 53 cents to $3.10, and averaged $1.00, with the year's expenditures totalling $1,019,707.08, covering 988,146 days.

A decrease of 148,908 days care was given over the corresponding period of the preceding year. (See chart XI for comparative yearly figures on the number of days care provided.) Maintenance costs increased $7,869.74. At the end of the year, 2,787 children were in care, compared with 2,824 children at the end of the year previous—a decrease of 37.

Chart XI

Number of days of care provided in children's institutions during the period 1935-36 to 1945-46.



Receipts from paying residents increased $14,908.63, during the year, while donations, endowments, and receipts from investments decreased $65,117.17, for the same period.

CHILDREN'S AID SOCIETIES

ONTARIO

Algoma	Mrs. E. L. Kraus	Sault Ste. Marie
Brant	Mr. W. A. Goff	Brantford
Bruce	Mr. Donald W. Cameron	Walkerton
Cochrane		Timmins
Dufferin	Mrs. I. B. MacDonald	Orangeville
Elgin	Miss Norma Harrison	St. Thomas
Fort William	Miss H. Margaret Heseltine	Fort William
Frontenac	*Mr. Arthur A. Wells	Kingston
Grey	Mr. J. D. Adamson	Owen Sound
Haldimand	Mrs. Evelyn O'Brien	Dunnville
Halton	Mr. G. F. Thompson	Milton
Hamilton	Mr. C. H. Vinnels, 47 King St. E.	Hamilton
Hastings	Mr. T. D. Ruston	Belleville
Huron	*Mrs. Mary P. Chaffee	Goderich
Kenora	*Mrs. L. Ronan	Kenora
Kent	Mr. F. Appleyard	Chatham
Lambton	Mr. F. R. Mills	Sarnia
Lanark	*Mr. Richard D. Kelly	Perth
Leeds and Grenville	Mr. C. A. Winters	Brockville
Lennox and Addington	Mr. W. F. Barrett	Napanee
Lincoln	Mr. L. S. Richardson	St. Catharines
London and Middlesex	Mr. F. Cristall, 164 Albert St.	London
Manitoulin	Mrs. Herbert Long	Gore Bay
Muskoka	Col. W. D. Forrest	Huntsville
Nipissing	Mr. Ernest Majury	North Bay
Norfolk	Mr. F. Victor Miller	Simcoe
Northumberland and Durham	Mr. A. B. Finnie	Port Hope
Ontario	Miss Margaret M. Hancock	Oshawa
Ottawa and Carleton	Mr. Clarence Halliday, 633 Rideau St	Ottawa
Oxford	Mr. R. G. Clowes	Woodstock
Parry Sound	Mr. W. J. Elliott	Parry Sound
Peel	Mr. A. E. Kilpatrick	Brampton
Perth	Mr. A. Murdoch Keith	Stratford
Peterborough	Miss R. A. D. Young	Peterborough
Port Arthur	*Mr. J. B. Skinner	Port Arthur
Prescott and Russell	Mr. Joseph Lacasse	Wendover
Prince Edward	Miss Violet Anglin	Picton
Rainy River	Mrs. Florence Tibbetts	Fort Frances
Renfrew	Mr. H. H. Dymond	Renfrew
Simcoe	Mr. C. H. Naphtali	Barrie
Stormont, Dundas and Glen	*Mrs. K. M. McBride	Cornwall
Sudbury	*Mrs. Grace A. Wigg	Sudbury
Temiskaming	Mrs. Nora M. Fox	Kirkland Lake
Toronto	Mr. R. E. Mills, 32 Isabella St.	Toronto
Victoria and Haliburton	Mr. A. Blewett	Lindsay
Waterloo	Mr. K. D. Kayler	Kitchener
Welland	Mrs. D. E. Young	Welland
Wellington	Miss Belle Dauphinee	Guelph
Wentworth	Miss Muriel H. Milligan, Court House	Hamilton
Windsor and Essex (Prot.)	Mr. J. H. Dawson, 737 Louis Ave	Windsor
Windsor and Essex (R.C.)	Mr. Roy J. Bondy, 669 Tuscarora St	Windsor
York	Mrs. J. S. Driscoll, 112 St. Clair Ave., W	Toronto
Catholic Children's Aid Society of Toronto	Miss Irene Allen, 469 Sherbourne St	Toronto

(* Acting)

April 1st, 1947.

UNEMPLOYMENT RELIEF

Conditions as an aftermath of the war have caused only a minor increase in numbers requiring public assistance. Despite the large displacement of persons in industry and changing financial circumstances of people in the reconversion period, only 10% more persons applied for and received assistance in March 1946 compared with the previous March. Employable persons under existing regulations do not qualify for relief nor were there many applications from unemployed employable persons. The increase of 1,605 persons might properly be attributed to release of marginally employable and aged people formerly engaged in employment.

The number of recipients during the month of March 1946 and 1945, are shown in Table I. For further comparison the numbers in March 1939 are also indicated. The figures show how wondrous a transition took place in the March immediately prior to the war with 313,359 persons receiving aid, and the diminishment to 17,527 in March 1946. War, in all its dreadful consequences, removed about 8 per cent of the Province's population from relief rolls to a position whereby they were financially capable of maintaining themselves. Merely half of one per cent of the population now receive direct relief. The high level of employment at present is favourable to the large majority of the population sustaining a normal means of livelihood.

COMPARATIVE CASE-LOAD AND PERSONS IN RECEIPT OF RELIEF, MONTH OF MARCH 1946

	Total Cases	Total Persons	Total Heads of Families	Total Single Persons	Percent. of Population on Relief
March, 1939	87,571	313,359	69,663	17,908	8.80
March, 1945	8,154	15,922	3,298	4,856	.43
March, 1946	8,875	17,527	3,627	5,248	.47
Percentage of Decrease— Mar. 1946 under 1939.	89.9	94.4	94.8	70.7	
Percentage of Increase— Mar. 1946 over 1945	8.8	10.1	10.0	8.1	

Persons afflicted with illness comprise the largest group requiring relief and include, in the main, people who are aged. Ill-health, however, is not the only cause of unemployability. Many persons experiencing marital discord, with subsequent desertion and separation, depend on public assistance for maintenance. Frequently a spouse is committed to jail and the dependants must rely on public welfare funds for temporary support. While the majority of recipients are long term cases, not a few persons receive temporary assistance until such time as they qualify for special forms of aid such as Mothers Allowance, Old Age or Blind Pension, Veterans' Pension and allowances, etc., and other established programmes.

Specific causes of loss of health are shown in a table under part II of this report. Because the predominant number of persons receive relief for health reasons, so it is of importance to note the various causes. Included in the table are fifteen headings of major health reasons, but four of the headings account for almost three quarters of the total. These are types of illness mainly afflicting aged persons: Circulatory disorders, senility, age and debility, rheumatism, arthritis, etc., and nervous disorders.

The Province contributed 50% of the expenditure incurred by the municipalities in assisting relief recipients. During the fiscal year under review, 497 municipalities submitted relief accounts. In the course of the previous fiscal year 479 municipalities rendered accounts. All Ontario cities and approximately half of the towns, incorporated villages and townships participated in the relief programme.

DIRECT RELIEF GROSS EXPENDITURES AND PERCENTAGE OF CONTRIBUTION FOR FISCAL YWAR

	1945-46	Percentage	1944-45	Percentage	1939-40	Percentage
Province	$1,289.043	52.43	$1,182.816	52.52	$8,467,108	43.28
Dominion					7,441,274	38.04
Municipalities	1,169,634	47.57	1,069,284	47.48	3,655,356	18.68
Total	$2,458,677		$2,252,100		$19,563,648	

Municipalities with an urban complexion accounted for 80% of the 1945-1946 expenditure of $2,458,677, although representing only 55% of the population. Rural municipalities with about a third of the population expended 15% of the total. The balance of expenditures, 5%, is granted to recipients in unorganized areas.

The relationship between Ontario municipalities and the Provincial Department of Public Welfare has been most agreeable. There has been a decided tendency on the part of the municipalities to adhere to regulations, thus affording recipients of relief, particularly in rural areas, a betterment in standards. The small number of cases involving "residence difficulties" has been most gratifying. Any minor disagreement between municipalities, in determining municipal responsibility in these cases, has been adjusted without any recipient being deprived of assistance. Measures adopted to care for needy persons qualifying for direct relief are constantly under review with the result that administration is being simplified and beneficial regulations being introduced to care for special problems.

COMPARATIVE STATEMENT
GROSS MONTHLY DIRECT RELIEF EXPENDITURES

	1945-46	1944-45	1939-40
April	$199,610	$193,585	$2,170,987
May	186,457	182,783	1,854,953
June	185,554	166,010	1,585,468
July	185,267	164,367	1,416,560
August	178,429	163,362	1,454,678
September	180,711	163,535	1,417,803
October	209,332	181,552	1,359,089
November	184,945	197,844	1,422,117
December	232,757	199,263	1,559,609
January	231,247	212,304	1,737,235
February	236,414	214,887	1,772,973
March	247,954	212,608	1,812,176
	$2,458,677	$2,252,100	$19,563,648

COMPARATIVE STATEMENT GROSS NUMBER ON AID MONTHLY

	1945-46	1944-45	1939-40
April	15,467	14,757	301,061
May	15,204	15,476	264,787
June	14,956	15,588	225,423
July	14,380	15,080	209,318
August	14,077	14,797	201,488
September	14,320	14,576	195,044
October	15,209	14,828	183,273
November	15,862	14,793	177,838
December	16,526	15,125	189,613
January	17,374	16,054	212,459
February	17,550	16,061	220,423
March	17,584	15,922	220,453

DISTRIBUTION OF RELIEF EXPENDITURES AND NUMBERS ACCORDING TO MUNICIPAL DIVISIONS MARCH 1946

	Total Expend.	Total Numbers	Total Population	Percentage of Total Expend.	Percentage of Total Numbers	Percentage of Total Population
Province	*$246,097	*17, 527	3,726,584	100.0	100.0	100.0
Counties	209,635	14,499	3,247,849	85.2	82.7	87.2
Districts	36,462	3,028	478,735	14.8	17.3	12.8
Cities	171,376	11,018	1,751,680	69.6	62.9	47.0
Towns and Villages	25,765	2,066	653,739	10.5	11.8	17.6
Townships	36,743	3,359	1,205,384	14.9	19.1	32.3
Unorganized	12,213	1,084	115,781	5.0	6.2	3.1

* Subject to Minor Adjustment.

PERCENTAGE OF POPULATION RECEIVING RELIEF AND NUMBER OF MUNICIPALITIES SUBMITTING ACCOUNTS MARCH 1946

	Percentage of Population on Relief	No. of Ont. Municipalities	No. of Municipalities Submit Accounts	Percentage of Municipalities Submit Accounts
Province	.47	913	497	54.4
Counties	.45	700	387	55.3
Districts	.63	213	110	51.6
Cities	.63	28	28	100.0
Towns and Villages	.32	304	172	56.6
Townships	.28	581	297	51.1
Unorganized Areas	.94	....	....	....

HOUSES OF REFUGE AND HOMES FOR THE AGED

The increasing problem of caring for aged persons is receiving constant study by responsible authorities. With a favourable public attitude, much may be accomplished. The solution of providing funds with which the aged can maintain themselves will not suffice, for many find that acceptance of care in an established public home is necessary in order to obtain a decent standard of comfort, and it is this work that concerns those operating Houses of Refuge and other charitable institutions.

The acute housing, building, and labour shortage have aggravated today's pressing problem, since comparatively little new construction and equipment replacement have taken place in the past twenty years. In some counties authorities have discussed and planned the erection of new buildings which will be undertaken at an appropriate time. These plans include the removal of some of the more distasteful aspects of institutionalization. More attention will be given to individual requirements, such as special accommodation for married couples, and the provision of at least semi-private accommodation will replace the large dormitories.

Reference to the lack of accommodation may be more readily understood when it is pointed out that in the year 1900 the same number of homes cared for 1,988 persons, which by 1925 had increased to 4,890 and during the past twenty years to the 6,000 mark.

Since 1900, life expectancy has been increased from forty-five years to sixty-five years. It is apparent that the population trend is expanding in favour of older persons. In the span of the decade 1931-1941, the population age group sixty years and over increased by 29.2% while the entire population of the Province for the corresponding period increased by only 10.4%. The following table shows comparative figures on a decennial basis covering persons of sixty years and over.

AGED POPULATION OF ONTARIO BASED ON CENSUS OF 1931-1941
PERSONS 60 YEARS AND OVER

Age Groups	Population 1941	Population 1931	Percentage of Increase
60-69	265,968	207,637	28.1
70-79	141,121	111,563	26.5
80-89	40,658	27,446	48.1
90 plus	3,204	2,372	35.1
Total persons sixty years and over	450,951	349,018	29.2

Credit for life expectancy must be given to medical science and this raises the question of care for semi-invalid residents in the Homes for the Aged. The number of persons in ill-health who required extra care is a contributory factor taxing the already overcrowded Homes, and it is in the interest of some aged individuals that they be admitted to private homes where more suitable attention can be given. In this respect, a recent amendment to the Unemployment Relief Act of 1935 makes provision for incapacitated persons whereby they may qualify for special home care, the cost of which is borne equally by the Province and municipality up to $40.00 monthly and provides for room, board, and any special nursing service required.

In 1945, the average number of residents was 5,972 in the 77 public homes and institutions and the total expended for this period was $2,410,108. 56% were paying residents or in receipt of Old Age Pensions.

RESIDENTS IN HOMES FOR AGED—CALENDAR YEAR 1945

	Number of Homes	Average No. of Persons Accommodated	Total Cost of Maintenance for All Persons
Total Public Homes	77	5,972	$2,410,108
Homes in Cities	43	3,558	1,573,576
Homes in Counties	31	2,246	751,613
Homes in Districts	3	168	84,919

The average daily cost of maintaining persons in County Homes was 86 cents and in City Homes, $1.38, the latter being the highest on record.

The apathetic attitude of persons living in these Homes can often be overcome by providing them with suitable occupation and by giving them the opportunity of using their faculties. Much has been accomplished through occupational therapeutic programmes and these measures should be exploited to a greater extent.

The services rendered by many public and private authorities is of inestimable value, particularly in consideration of past difficulties in obtaining sufficient and capable staff. The challenge of caring for the aged provides much scope in planning a more comfortable and adequate means of living for them, and if we can improve the standards by which they live, we are better able to honour old age and remove the fear of growing old.

SOLDIERS' AID COMMISSION

All members of the Commission have continued to serve throughout the year with the exception of Brigadier T. J. Rutherford, who has been on leave of absence for overseas service. A representative of ex-service men of the Second World War, Flight-Lieutenant A. L. Bell, Royal Canadian Air Force, Ottawa, has taken up active duty as a member of the Commission, this appointment taking effect September 11th, 1945.

COMMISSION MEETINGS

Two general meetings of the Commission were held during the year, all members showing their usual keen interest.

AUDIT

Following the end of the fiscal year, an audit of the books and account swas performed by a representative of the Provincial Auditor's Department. All books and accounts were reported to be in order and to reflect correctly the operations and transactions of the Commission throughout the year. Financial statements will be found appended hereto.

ASSISTANCE AND ADVICE TO VETERANS

1. Emergency grants for the year number 1,686 as compared with 1,428 for the previous year. (No. 8 Accounts grants shown separately).
2. General information and advice services rendered to ex-service men and dependents total 2,891 compared with 2,603 for the previous year.
3. Office interviews for this period were 3,029 as compared with 2,513 for the previous year.

4. Special information and advice re pension claims, War Veterans' Allowances procedure, etc., number 466 compared with 497 for the previous year.

It may be interesting to note that 459 cash grants representing an amount of $3,526.85 were made to men and dependents of men with service in this war. This shows a substantial increase in numbers served.

KATHLEEN HAMMOND FUND

Assistance from this fund to widows of veterans, widowed by the war (1914-18) served 490 cases of emergency or special need during the past year as compared with 413 in the previous year. The corpus of this fund was subject to further increases during the year.

CROFT ESTATE

Remaining properties in this estate have now been sold, the final transaction in respect to the Yonge Street Lot, near Eglinton Avenue having been completed on February 2nd, 1946.

GARDEN LAND SETTLEMENT

All dwellings on the Garden Land Settlement have been occupied during the year, and the premises have been supervised and maintained. All revenue, surplus to maintenance requirements, has been preserved in a special reserve fund. Future policy in respect to the Settlement has been under active consideration by the Commission.

GENERAL

During the period under review, the Director made personal calls on some 180 branches of veterans' organizations in the province, when meetings were held with the officials of these bodies and addresses were given at general meetings of the members. The work and scope of the Commission was reviewed, individual and general problems discussed and help or advice arrranged for or given. A very helpful system of co-operation has been established and continued throughout the province.

In addition to the veterans' organizations, contact is also made with officials of the Children's Aid Societies, the Provincial Government Agricultural Loans Branch, and the Provincial Police (especially in unorganized areas) in the different areas visited.

The members of the Commission, which is widely representative of the Province, are imbued with a sense of responsibility for the welfare of all ex-service men and their dependents and have conscientiously endeavoured to meet and even to anticipate needs.

The staff of the Commission with long experience and guided by the keen spirit of service actuating the Director, has been able to advise and very promptly assist a great number of deserving ex-service men and dependents who were in need and often discouraged to the breaking point.

Apart from the actual achievements of the Commission as recorded in the service and financial statements, we believe that an even more important contribution has been made through the cultivation of a better understanding of the reasonable rights and privileges of all who are eligible for assistance amongst veterans' organizations and friends who are interested and anxious to help. Actually the development of this better understanding and a truly co-operative spirit, while requiring much time and persevering effort, has done more to create satisfaction and harmony than the mere expenditure of dollars and cents. When such efforts are coupled with the ability to provide prompt emergency assistance where necessary, the service ensures both practical and doubly valuable results.

PART II

FINANCIAL
AND STATISTICAL REPORT

DEPARTMENT OF PUBLIC WELFARE FINANCIAL REPORT

For Fiscal Year 1945-1946

SUMMARY

Year Ended March 31st, 1946

	Ordinary Expenditure	Capital Payments
Main Office	$ 245,890.07	
Day Nurseries	149,970.77	
Children's Aid Branch	200,854.87	
Youth and Child Welfare Branch	7,321.30	
Mothers' Allowances Commission	3,738,145.60	
Old Age Pensions Commission	7,190,202.51	$13,603,083.66
Unemployment Relief	1,375,979.02	
	$12,908,364.14	$13,603,083.66

MAIN OFFICE	
Minister's Salary (part year)	$ 1,849.45
Permanent Salaries	24,410.25
Temporary Salaries	1,521.17
Cost-of-Living Bonus (All Branches)	34,295.11
Travelling Expenses	2,188.56
Equipment	586.40
Stationery and Printing	1,363.51
Telephone and Telegraph	274.36
Fees, Books and Magazines	93.90
Miscellaneous	144.90
Maintenance of Indigents	9,999.80
Burial of Indigents	1,184.00
Transportation of Indigents	131.25
Rehabilitation of Indigents	691.83
Compensation—Injured Workmen	456.42
Unemployment Insurance Stamps	411.32
Grants:	
Refuges	70,113.10
Orphanages	60,376.40
Soldiers' Aid Commission	26,986.84
Memorial Wreaths	2,411.50
Children's Aid Association of Ontario	2,000.00
Last Post Fund	1,000.00
Poppy Fund	1,200.00
Royal Canadian Humane Society	200.00
Canadian Legion, Ont. Prov. Command B.E.S.L.	2,000.00
	$ 245,890.07

	Ordinary Expenditure	Capital Payments
DAY NURSERIES		
Permanent Salaries	$ 2,758.06	
Temporary Salaries	2,625.00	
Travelling Expenses	1,982.54	
Purchase of Equipment	335.26	
Stationery and Printing	249.30	
Telephone and Telegraph	181.64	
Miscellaneous	177.67	
Upkeep Expenses	141,661.30	
	$ 149,970.77	
CHILDREN'S AID		
Permanent Salaries	$ 35,809.71	
Temporary Salaries	7,572.53	
Travelling Expenses	2,886.35	
Purchase of Equipment	304.42	
Stationery and Printing	1,644.95	
Telephone and Telegraph	79.50	
Miscellaneous	414.10	
C.P.A. and C.U.P.A.		
Travelling Expenses	9,215.31	
Maintenance	72,970.42	
Legal	428.47	
Grant—Salaries of Officers	68,000.00	
British Child Guests	1,529.11	
	$ 200,854.87	
YOUTH AND CHILD WELFARE		
Permanent Salaries	$ 5,225.03	
Temporary Salaries	787.50	
Travelling Expenses	823.95	
Purchase of Equipment	292.32	
Stationery and Printing	50.75	
Telephone and Telegraph	136.75	
Miscellaneous	5.00	
	$ 7,321.30	
MOTHERS' ALLOWANCES		
Permanent Salaries	$ 47,163.34	
Temporary Salaries	51,492.98	
Travelling Expenses	36,410.88	
Maintenance, Purchase of Equipment	806.88	
Stationery and Printing	3,806.50	
Telephone and Telegraph	111.32	
Local Board Expenses	2,644.86	
Sundry Administration	567.77	
Allowances, M.A. Act	3,375,547.45	
Allowances, Fuel	75,762.30	
Medical Services	143,831.32	
	$ 3,738,145.60	

OLD AGE PENSIONS	Ordinary Expenditure	Capital Payments
Permanent Salaries	$ 91,936.82	
Temporary Salaries	79,357.54	
Travelling Expenses	39,426.05	
Purchase of Equipment	3,912.45	
Stationery and Printing	15,561.10	
Telephone and Telegraph	280.16	
Registration Fees	1,414.80	
Sundry Administration	1,521.95	
Miscellaneous	......	
Old Age Pensions	4,318,021.35	$13,258,772.97
Pensions for the Blind	113,682.43	344,310.69
Medical Services	418,468.89	
Provincial O.A.P. Bonus	2,106,618.97	
	$ 7,190,202.51	$13,603,083.66

UNEMPLOYMENT RELIEF BRANCH

	Gross Expenditure	Refunds	Net Expenditure
Direct Relief	$1,318,953.67	$8,714.20	$1,310,239.47
Mothers' Allowances Fuel	91.16	....	91.16
	$1,319,044.83	$8,714.20	$1,310,330.63
Administration:			
Main Office	$ 47,778.29	......	$ 47,778.29
District	17,870.10	......	17,870.10
	$ 65,648.39	......	$ 65,648.39
Totals	$1,384,693.22	$8,714.20	$1,375,979.02

RECEIPTS

	Ordinary Revenue	Capital Receipts
MAIN OFFICE		
Miscellaneous	$ 1.00	
CHILDREN'S AID BRANCH		
Miscellaneous	$ 5,198.39	
OLD AGE PENSIONS		
Miscellaneous	$ 370.30	
Dominion—Old Age Pensions		$13,129,815.81
Dominion—Pensions for the Blind		341,573.54
Other Provinces—Old Age Pensions		128,837.83
Other Provinces—Pensions for the Blind		2,582.06
	$ 5,569.69	$13,602,809.24

OLD AGE PENSIONS AND PENSIONS FOR THE BLIND

Disbursements and Receipts

Fiscal Year 1945-1946

DISBURSEMENTS

	Old Age Pensions	Pensions for the Blind	Total
TOTAL CHEQUES ISSUED			
Dominion	$13,527,057.39	$ 344,826.93	$13,871,884.32
Ontario	4,450,869.14	114,766.86	4,565,636.00
Ontario Bonus	2,090,897.53	54,104.23	2,145,001.76
Other Provinces	128,957.16	2,737.15	131,694.31
	$20,197,781.22	$ 516,435.17	$20,714,216.39
CANCELLED CHEQUES			
Dominion	$ 200,776.34	$ 2,490.90	$ 203,267.24
Ontario	66,925.43	830.28	67,755.71
Ontario Bonus	30,785.67	384.07	31,169.74
Other Provinces	....	....	....
	$ 298,487.44	$ 3,705.25	$ 302,192.69
CASH REFUNDS			
Dominion	$ 196,465.24	$ 762.49	$ 197,227.73
Ontario	65,922.36	254.15	66,176.51
Ontario Bonus	7,204.03	9.02	7,213.05
Other Provinces	.....	.....	.....
	$ 269,591.63	$ 1,025.66	$ 270,617.29
NET TOTÁL PAYABLE BY			
Dominion	$13,129,815.81	$ 341,573.54	$13,471,389.35
Ontario	4,318,021.35	113,682.43	4,431,703.78
Ontario Bonus	2,052,907.83	53,711.14	2,106,618.97
Other Provinces	128,957.16	2,737.15	131,694.31
	$19,629,702.15	$ 511,704.26	$20,141,406.41

RECEIPTS

	Old Age Pensions		Pensions for the Blind	
	1944-45	1945-46	1944-45	1945-46
DOMINION OF CANADA	$	$13,129,815.81	$	$ 341,573.54
OTHER PROVINCES				
Alberta	3,147.91	8,917.29	38.44	133.12
British Columbia	1,729.63	4,951.49	17.81	42.01
Manitoba	6,470.57	19,509.49	78.44	254.06
New Brunswick	880.78	2,268.51	5.63	16.89
Nova Scotia	1,097.07	3,316.19	23.44	36.88
Prince Edward Island	23.00	67.75		
Quebec	10,631.19	31,950.09	279.97	937.29
Saskatchewan	8,670.12	25,206.75	206.19	511.89
	$ 32,650.27	$13,226,003.37	$ 649.92	$ 343,505.68
Total Receipts				$13,602,809.24

EXPENDITURES ACCORDING TO LOCAL BOARDS

	Old Age Pensions	Pensions for the Blind	Total
COUNTIES			
Brant	$ 119,573.33	$ 2,975.24	
Bruce	237,239.35	6,395.12	
Carleton	226,356.03	6,381.78	
Dufferin	84,876.11	2,856.00	
Dundas	106,489.79	2,336.07	
Elgin	210,386.84	4,866.16	
Essex	276,693.36	7.145.82	
Frontenac	170,108.65	3,542.10	
Glengarry	146,075.53	4,340.00	
Grey	294,794.60	6,387.66	
Haldimand	98,287.16	2,800.00	
Halton	140,606.29	2,862.50	
Hastings	368,983.40	12,293.04	
Huron	263,215.18	6,104.00	
Kent	234,765.53	5,236.00	
Lambton	193,874.13	4,565.19	
Lanark	190,644.19	4,456.53	
Leeds and Grenville	265,954.03	6,976.25	
Lennox and Addington	174,701.01	3,371.24	
Lincoln	146,881.19	4,420.58	
Middlesex	249,656.65	7,392.00	
Norfolk	192,392.12	7,055.26	
Northumberland and Durham	395,969.69	9,909.38	
Ontario	225,970.76	5,288.59	
Oxford	159,749.41	1,344.00	
Peel	145,180.02	2,973.48	
Perth	118,473.59	3,710.77	
Peterborough	159,719.77	3,062.08	
Prescott	168,976.42	8,133.33	
Prince Edward	146,287.37	3,080.00	
Renfrew	318,091.52	14,467.67	
Russell	132,991.89	5,040.00	
Simcoe	596,742.57	13,708.23	
Stormont	88,772.16	4,679.07	
Victoria	169,487.94	4,517.91	
Waterloo	169,126.14	3,387.49	
Welland	212,250.46	3,500.00	
Wellington	209,607.60	2,799.67	
Wentworth	188,040.25	4,514.42	
York	1,081,979.01	16,903.19	
	$ 9,079,971.04	$ 225,777.82	
Less Inter-Provincial Accounts Receivable	92,797.44	2,691.28	
	$ 8,987,173.60	$ 223,086.54	$ 9,210,260.14
CITIES			
Belleville	$ 73,658.24	$ 3,639.46	
Brantford	198,773.50	7,443.50	
Chatham	95,617.45	1,557.71	
Cornwall	102,057.93	5,152.00	
Fort William	72,733.55	2,660.00	
Galt	81,600.49	2,935.26	
Guelph	122,507.70	3,304.00	
Hamilton	806,760.92	23,730.16	
Kingston	131,612.29	6,300.00	
Kitchener	133,139.59	1,400.00	
London	429,400.79	13,158.12	
Niagara Falls	59,605.71	1,344.00	
North Bay	70,450.11	1,344.00	
Oshawa	105,721.55	2,664.00	
Ottawa	620,092.44	21,814.78	

	Old Age Pensions	Pensions for the Blind	Total
Owen Sound	99,478.32	2,128.00	
Peterborough	142,573.69	3,920.00	
Port Arthur	79,122.09	2,160.53	
St. Catharines	121,995.20	3,858.32	
St. Thomas	87,645.58	2,422.53	
Sarnia	70,384.16	924.00	
Sault Ste. Marie	95,225.60	3,920.40	
Stratford	100,313.76	5,404.00	
Sudbury	71,344.00	2,749.42	
Toronto	3,701,307.68	82,372.42	
Welland	27,664.94	252.00	
Windsor	397,672.03	9,854.88	
Woodstock	66,275.08	829.00	
	$ 8,164,644.39	$ 219,242.49	
Less Inter-Provincial Accounts Receivable	114,296.36	2,816.96	
	$ 8,050,348.03	$ 216,425.53	$ 8,266,773.56

TOWNS

Brockville	$ 62,747.29	$ 1,008.00	
Gananoque	32,186.25	2,140.04	
Ingersoll	30,881.45	756.00	
Prescott	16,513.00	336.00	
Smith's Falls	33,473.84	2,800.00	
St. Mary's	24,143.12	252.00	
Timmins	14,786.03	336.00	
Trenton	45,093.99	1,792.00	
	$ 259,824.97	$ 9,420.04	
Less Inter-Provincial Accounts Receivable	3,297.64	195.04	
	$ 256,527.33	$ 9,225.00	$ 265,752.33

DISTRICTS

Algoma	$ 175,487.04	$ 5,511.00	
Cochrane	187,509.43	6,216.00	
Dryden	25,050.71		
Haliburton	64,259.80	672.00	
Kenora	70,486.97	1,008.00	
Manitoulin	50,704.74	1,461.70	
Muskoka	166,500.00	3,696.00	
Nipissing	178,375.50	5,978.03	
Parry Sound	208,572.16	6,011.33	
Rainy River	117,031.31	2,436.00	
Sioux Lookout	4,790.28		
Sturgeon Falls	32,375.08	1,155.00	
Sudbury	203,356.25	8,580.75	
Thunder Bay	77,408.97	1,484.00	
Tamiskaming	202,371.56	5,858.33	
	$ 1,764,279.80	$ 50,068.14	
Less Inter-Provincial Accounts Receivable	35,463.60	1,164.92	
	$ 1,728,816.20	$ 48,903.22	$ 1,777,719.42

	Old Age Pensions	Pensions for the Blind	Total
OTHER PROVINCES			
Alberta	$ 28,416.29	$ 300.00	
British Columbia	18,342.43	150.00	
Manitoba	59,141.06	650.00	
New Brunswick	5,373.40	......	
Nova Scotia	7,984.95	......	
Prince Edward Island	110.80	......	
Ontario	236.56	......	
Quebec	91,285.49	2,208.84	
Saskatchewan	79,795.87	1,325.23	
	$ 290,686.85	$ 4,634.07	
Less Inter-Provincial Accounts Receivable	269,973.60	4,080.40	
	$ 20,713.25	$ 553.67	$ 21,266.92

	Old Age Pensions	Pensions for the Blind	Total
OTHER PROVINCES—ACCOUNTS PAYABLE			
Alberta	$ 5,770.72	$ 222.18	
British Columbia	12,629.72	279.93	
Manitoba	8,293.12	254.22	
New Brunswick	1,437.13	134.06	
Nova Scotia	1,960.61	120.00	
Prince Edward Island	36.32	30.94	
Quebec	33,102.05	1,366.61	
Saskatchewan	7,065.43	153.76	
	$ 70,295.10	$ 2,561.70	$ 72,856.80

	Old Age Pensions	Pensions for the Blind	Total
OTHER PROVINCES—ACCOUNTS RECEIVABLE			
Alberta	$ 47,397.32	$ 777.48	
British Columbia	26,887.56	269.28	
Manitoba	104,835.36	1,546.24	
New Brunswick	12,326.64	90.08	
Nova Scotia	17,827.80	276.28	
Prince Edward Island	460.48	......	
Quebec	171,251.28	5,117.92	
Saskatchewan	134,842.20	2,871.32	
	$ 515,828.64	$ 10,948.60	$ 526,777.24
GRAND TOTALS	$19,629,702.15	$ 511,704.26	$20,141,406.41

ACCOUNTS RECEIVABLE

Old Age Pensions and Pensions for the Blind

	Outstdg. Mar. 31, 1945	Charged 1945-46	Receipts 1945-46	Outstdg. Mar. 31, 1946
DOMINION OF CANADA				
Old Age Pensions	$	$13,129,815.81	$13,129,815.81	$ ......
Pensions for the Blind	......	341,573.54	341,573.54	......
OTHER PROVINCES				
Old Age Pensions	$ 32,650.27	$ 128,957.16	$ 128,837.83	$ 32,769.60
Pensions for the Blind	649.92	2,737.15	2,582.06	805.01
	$ 33,300.19	$13,603,083.66	$13,602,809.24	$ 33,574.61

MOTHERS' ALLOWANCES COMMISSION

Disbursements and Receipts
Fiscal Year 1945-1946

DISBURSEMENTS

Total Cheques Issued	$ 3,410,132.20		
Less Cancelled Cheques	31,852.00		
	$ 3,378,280.20		
Less Cash Refunds	2,732.75	$ 3,375,547.45	
Fuel Allowances		75,762.30	
Medical Services		143,831.32	$ 3,595,141.07

EXPENDITURES ACCORDING TO LOCAL BOARDS

COUNTIES		
Brant	$ 8,955.00	
Bruce	31,325.00	
Carleton	42,229.00	
Dufferin	10,833.00	
Dundas	10,574.40	
Durham	14,047.00	
Elgin	21,220.00	
Essex	39,008.00	
Frontenac	15,789.00	
Glengarry	27,262.00	
Grenville	10,264.00	
Grey	33,907.00	
Haldimand	16,407.00	
Haliburton	6,513.00	
Halton	10,660.00	
Hastings	43,820.00	
Huron	24,650.00	
Kent	23,226.00	
Lambton	16,151.00	
Lanark	18,527.00	
Leeds	16,818.00	
Lennox and Addington	12,382.00	
Lincoln	17,036.00	
Middlesex	19,798.00	
Norfolk	29,272.00	
Northumberland	24,495.00	
Ontario	21,779.00	
Oxford	16,662.00	
Peel	16,166.00	
Perth	13,168.00	
Peterborough	14,636.00	
Prescott	41,107.00	
Prince Edward	11,727.00	
Renfrew	72,571.00	
Russell	25,502.00	
Simcoe	88,371.00	
Stormont	24,070.00	
Victoria	22,388.00	
Waterloo	18,311.00	
Welland	39,680.00	
Wellington	19,250.00	
Wentworth	17,624.00	
York	232,544.00	$ 1,240,724.40

CITIES

Belleville	$ 24,941.00	
Brantford	41,153.00	
Chatham	22,089.00	
Cornwall	37,101.00	
Fort William	39,974.00	
Galt	17,089.00	
Guelph	32,013.00	
Hamilton	171,733.80	
Kingston	27,877.00	
Kitchener	29,875.00	
London	57,380.00	
Niagara Falls	19,140.00	
North Bay	32,630.00	
Oshawa	21,115.00	
Ottawa	155,820.00	
Owen Sound	17,688.00	
Peterborough	33,196.00	
Port Arthur	30,942.00	
St. Catharines	22,765.00	
St. Thomas	19,317.00	
Sarnia	9,680.00	
Sault Ste. Marie	40,746.00	
Stratford	13,032.00	
Sudbury	49,760.00	
Toronto	637,274.25	
Welland	15,896.00	
Windsor	86,387.00	
Woodstock	14,730.00	$ 1,721,344.05

TOWNS

Brockville	$ 7,204.00	
Gananoque	3,126.00	
Ingersoll	7,280.00	
Prescott	3,103.00	
St. Marys	4,064.00	
Smith's Falls	4,374.00	
Trenton	9,069.00	38,220.00

DISTRICTS

Algoma	$ 26,850.00	
Cochrane	79,857.00	
Kenora	23,318.00	
Manitoulin	11,828.00	
Muskoka	25,509.00	
Nipissing	44,997.00	
Parry Sound	33,197.00	
Rainy River	19,400.00	
Sudbury	42,161.00	
Thunder Bay	11,070.00	
Timiskaming	57,072.00	375,259.00
		$ 3,375,547.45
Fuel Allowances		75,762.30
Medical Services		143,831.32
		$ 3,595,141.07

W. A. Salmons,
Accountant.

OLD AGE PENSIONS

Fiscal Year - 1945 - 46

SUMMARY

	1944-45	1945-46	Percentage of Change
Number on Pay List at the Beginning of Fiscal Year	56,156	58,113	3.5
Grants	8,031	9,200	1.5
Reinstatements	1,182	1,175	......
Transfers	374	429	1.5
Sub-Total	65,743	68,917	1.6
Less Cancellations	7,630	8,086	5.9
Number of Pay List at the End of the Fiscal Year	58,113	60,831	4.5
Number of Cases Dealt With During Year	24,154	22,765	*5.7

Full Grants—1945-46	7,753	
Part Grants—1945-46	1,447	9,200
SEX—Male	3,997	
Female	5,203	9,200
CIVIL STATUS—Single	1,095	
Married	3,921	
Widow or Widower	3,981	
Separated	203	9,200
AGE—70-75	7,312	
76-80	1,183	
81-85	501	
86 and Over	204	9,200
NATIONALITY—Canadian Born	6,326	
British Born	2,369	
Foreign Born	505	9,200

Reinstatements	1,182	1,175	......
Transfers	374	429	1.5
Cancellations	7,630	8,086	5.9
Increases	5,039	1,743	*289.0
Reductions	709	435	39.0
Former Decisions Sustained	94	107	.07
Refused	1,095	1,590	45.0

Assets other than Property	360	
Property	22	
Transfer of Property	56	
Earnings	273	
Not 70 years of age	165	
Parents' Maintenance Act	17	
Residence	89	
Not a British Subject	43	
Other Reasons	565	1,590

* Denotes decrease in percentage change.

STATISTICAL REPORT OF OLD AGE PENSIONS — Summary — Year Ending March 31st, 1946

CITIES	NEW CASES: Total Pensions Granted	NEW CASES: Decisions: Granted—Full	NEW CASES: Decisions: Granted—Part	NEW CASES: Decisions: Refused and Deferred	NEW CASES: Sex: Male	NEW CASES: Sex: Female	NEW CASES: Civil Status: Single	NEW CASES: Civil Status: Married	NEW CASES: Civil Status: Widow or Widower	NEW CASES: Civil Status: Separated	NEW CASES: Age: 70–75	NEW CASES: Age: 76–80	NEW CASES: Age: 81–85	NEW CASES: Age: 86 and Over	NEW CASES: Nationality: Canadian Born	NEW CASES: Nationality: British Born	NEW CASES: Nationality: Foreign Born	OLD CASES: Reconsidered: Deaths	OLD CASES: Reconsidered: Reductions	OLD CASES: Reconsidered: Increases	OLD CASES: Reconsidered: Reinstatements	OLD CASES: Reconsidered: Transfers	OLD CASES: Reconsidered: Former Decisions Sustained	CASE LOAD: As at: March 31, 1945	CASE LOAD: As at: March 31, 1946	CASES INELIGIBLE: By Reason of: Bonus	CASES INELIGIBLE: By Reason of: War Appropriation	CASES INELIGIBLE: By Reason of: Assets Other than Property	CASES INELIGIBLE: By Reason of: Property	CASES INELIGIBLE: By Reason of: Transfer of Property	CASES INELIGIBLE: By Reason of: Earnings	CASES INELIGIBLE: By Reason of: Not 70 Years of Age	CASES INELIGIBLE: By Reason of: Parents Maintenance Act	CASES INELIGIBLE: By Reason of: Residence	CASES INELIGIBLE: By Reason of: Not a British Subject	CASES INELIGIBLE: By Reason of: Other Reasons
Belleville	36	29	7	6	8	28	2	16	17	1	28	5	2	1	27	8	1	36	4	6	1		1	240	241	15	15			2	2					4
Brantford	91	78	13	24	36	55	12	37	42		75	10	4	2	55	31	5	83	6	4	14		2	600	622	25	25	6	1		8	1		2		6
Chatham	51	46	5	8	23	28	3	24	24		39	9	1	2	36	14	1	39	3	1	9		1	278	299	10	10				1	1				6
Cornwall	53	45	8	12	18	35	6	15	32		44	6	3		42	9	2	46	4	6	3			302	312	18	19	3			3	1		1		4
Fort William	56	41	15	19	23	33	4	18	33	1	38	14	3	1	25	20	11	26		12	5	1		203	237	21	22	5			2		1		1	10
Galt	40	31	9	13	14	26	5	17	18		28	10	1	1	16	23	1	44	1		5			263	264	17	17	6		2	3	1				1
Guelph	74	66	8	12	27	47	7	30	33	4	58	11	3	2	45	25	4	49	3	8	9		2	373	407	22	22	6			2					4
Hamilton	408	342	66	147	141	267	42	174	173	19	333	58	11	6	185	196	27	337	23	31	55	3	7	2395	2518	172	173	22		4	31	8	3	8	2	69
Kingston	57	45	12	13	14	43	7	18	32		42	6	5	4	50	6	1	67	1	6	9		2	389	388	17	17	2			5	1				5
Kitchener	71	61	10	9	20	51	10	22	37	2	56	8	6	1	54	5	12	62	4	4	12	1		401	421	16	16	3			1	1				4
London	210	178	32	33	80	130	28	72	106	4	169	22	15	4	133	68	9	224	6	16	33			1303	1322	56	57	4	1		9	1		3		15
Niagara Falls	39	29	10	7	13	26		11	28		25	6	4	4	24	10	5	27	3	2	7			176	195	6	6			1				2		4
North Bay	20	16	4	5	9	11	2	6	12		16	3	1		14	5	1	32	2	2	1	1	1	217	205	8	8	2	1					1		1
Oshawa	49	37	12	11	16	33	5	19	24	1	43	4	1	1	25	19	5	31	4	4	5	1	1	315	337	18	18	4		1	1	2				3
Ottawa	286	236	50	53	101	185	39	80	158	9	238	31	10	7	220	50	16	252	6	17	33	5	2	1893	1955	85	87	8			11	2			2	30
Owen Sound	50	45	5	9	18	32	3	26	20	1	36	8	5	1	37	10	3	43	2	2	7			300	314	17	17	2			2	2			1	2
Peterborough	94	83	11	10	33	61	16	35	38	5	70	15	7	2	68	23	3	60	4	13	8		1	414	456	36	36				3	1			1	5
Port Arthur	32	30	2	4	8	24	3	14	14	1	28	3	1		12	16	4	27	1	3	6	2		229	238	16	16	1		1	1					2
St. Catharines	57	53	4	11	19	38	9	15	29	4	48	5	4		34	21	2	54	2		3			371	377	15	15	4			2	2			1	2
St. Thomas	37	30	7	7	9	28	2	12	23		24	5	5	3	23	14		47	1	1	8	1		273	270	18	18	1			1	2			1	2
Sarnia	21	13	8	4	8	13		8	12	1	18	3			17	1	3	31	1		4		4	221	215	14	14				1			2		1
Sault Ste. Marie	44	42	2	7	15	29	3	15	26		37	6		1	29	10	5	32	3	3	6	1		278	295	14	14	1			3	1			1	1
Stratford	57	41	16	16	23	34	5	31	20	1	45	7	4	1	38	17	2	49	6	7	6			299	313	25	25			2	7		1	1	1	4
Sudbury	49	38	11	7	24	25	3	19	27		43	5	1		43	4	2	26	1	8	2	3	1	199	221	17	17	1	1		3				1	1
Toronto	1561	1312	249	198	549	1012	203	550	751	57	1297	166	65	33	730	692	139	1431	53	70	210	5	19	11188	11523	596	598	34	4	5	28	18	2	8	5	94
Welland	6	4	2	5	3	3		4	2		6				3	3		2			3	1		89	95	1	1	1								4
Windsor	198	167	31	27	83	115	18	79	92	9	158	26	10	4	107	69	22	152	10	41	44	1	2	1163	1252	74	74	2			5	1	3	1	1	14
Woodstock	33	29	4	4	11	22	1	15	17		19	11	3		18	14	1	30	3	5	6			194	203	10	10				4					
TOTALS	3780	3167	613	681	1346	2434	438	1382	1840	120	3061	463	175	81	2110	1383	287	3339	157	272	514	26	46	24566	25495	1358	1367	117	8	16	139	47	10	31	18	297
TOWNS																																				
Brockville	32	28	4	3	7	25	4	7	21		28	4			25	7		23	1		4			180	193	13	14	3								
Gananoque	22	18	4	1	12	10	1	13	7	1	16	5	1		15	7		18	2	1	4			93	101						1					
Ingersoll	12	10	2	2	8	4	3	6	3		7	2	3		11	1		12	5					105	105	3	3			1	1					
Prescott	10	10		1	5	5	2	6	2		9	1			8	1	1	10			2			47	49	4	4				1					
St. Marys	10	10			6	4	1	5	4		8	2			8	2		8			1			69	72	2	2									
Smith's Falls	17	15	2	7	8	9	4	5	8		14	1	1	1	11	4	2	14	1	5	1	1		103	106	3	3			1	3	3				
Timmins																		3		2			1	47	44											
Trenton	30	29	1	5	10	20	2	12	16		25	3	1	1	29	1		31			2			124	125	13	13	2				2				1
TOTALS	133	120	13	19	56	77	17	54	61	1	107	18	6	2	107	23	3	119	9	8	14	1	1	768	795	38	39	5		2	6	5				1

STATISTICAL REPORT OF OLD AGE PENSIONS — Summary — Year Ending March 31st, 1946

COUNTIES	NEW CASES																	OLD CASES						CASE LOAD		CASES INELIGIBLE										
		DECISIONS			SEX		CIVIL STATUS				AGE				NATIONALITY				RECONSIDERED					AS AT				BY REASON OF								
	Total Pensions Granted	Granted—Full	Granted—Part	Refused and Deferred	Male	Female	Single	Married	Widow or Widower	Separated	70–75	76–80	81–85	86 and Over	Canadian Born	British Born	Foreign Born	Deaths	Reductions	Increases	Reinstatements	Transfers	Former Decisions Sustained	March 31, 1945	March 31, 1946	Bonus	War Appropriation	Assets Other than Property	Property	Transfer of Property	Earnings	Not 70 Years of Age	Parents Maintenance Act	Residence	Not a British Subject	Other Reasons
Brant	82	69	13	10	40	42	13	44	25		62	11	5	4	53	28	1	43	17	19	8			332	379	24	24	5							1	4
Bruce	148	122	26	21	66	82	18	74	52	4	118	21	8	1	136	9	3	132	3	2	13			677	706	32	32	7		4	2			3		5
Carleton	114	91	23	12	49	65	17	39	47	1	78	23	12	1	97	16	1	94		10	12		4	667	699	33	33	6	1	1	2	1				1
Dufferin	50	44	6	13	26	24	9	19	22		40	6	1	3	44	6		35			8			253	276	18	18	4		1	2					6
Dundas	52	47	5	5	27	25	2	27	22	1	39	8	4	1	48	3	1	28	4	14	10			299	333	14	14	1				1		1		2
Elgin	87	77	10	12	40	47	13	38	35	1	67	12	5	3	72	13	2	76			19		2	621	651	33	33	1			1	5		2		3
Essex	110	94	16	16	58	52	8	52	46	4	94	11	4	1	87	14	9	114	16	45	25		6	843	864	33	34			1	7	1		2		5
Frontenac	69	54	15	13	38	31	9	34	26		57	6	4	2	61	5	3	67	3	34	12		1	496	510	23	23	5			1	1		1		5
Glengarry	46	43	3	9	25	21	10	26	9	1	41	4	1		43	3		62	4	16	8		2	450	442	18	18	3		1	1					4
Grey	161	144	17	16	77	83	25	74	59	3	109	28	17	7	150	7	4	131	11	46	11		1	866	907	52	52	7	4				1	1	1	2
Haldimand	44	36	8	10	18	26	3	22	19		32	5	5	2	32	10	2	51	1	23	5			301	299	18	18	2			4					4
Halton	56	48	8	10	25	31	7	20	28	1	42	8	5	1	42	13	1	51	3	24	14		2	417	436	21	21	3			2	1				4
Hastings	193	162	31	38	104	89	22	87	77	7	148	28	11	6	184	7	2	159	9	82	12	1	5	1055	1100	49	52	8	1	1	3	11			6	8
Huron	117	98	19	10	58	59	19	54	43	1	88	22	6	1	100	14	3	101	7	28	13	1	1	780	808	35	36	1		3	1	1		1		3
Kent	92	78	14	16	50	42	8	40	40	4	71	12	6	3	68	21	3	97	10	42	21		1	715	731	41	41	4			3	2		2		5
Lambton	82	61	21	15	39	43	12	36	44		67		9	6	69	13		92	4	26	12			576	578	27	27	6			1	1		3		4
Lanark	109	95	14	14	52	57	25	41	42	1	82	18	6	3	102	5	2	92	6	27	10	1	2	549	575	37	37	4		1	1	1		2		5
Leeds and Grenville	121	105	16	19	42	79	17	49	55		88	18	12	3	110	10	1	116	10	53	14	3	2	773	789	44	44	3		2	3	4	2	1		4
Lennox & Addington	84	73	11	13	46	38	6	51	27		60	18	5	1	80	4		73		16	6		1	501	518	28	28	3		1	1	5				3
Lincoln	80	65	15	14	37	43	7	34	38	1	62	13	5		50	26	4	69	6	32	7		1	431	449	30	30	1			4	3		1		5
Middlesex	124	102	22	22	59	65	22	52	48	2	94	19	9	2	102	20	2	117	8	35	18			729	754	52	52	11		1	4			1		5
Norfolk	93	79	14	21	42	51	9	46	38		76	8	6	3	74	14	5	80	6	29	11		1	575	599	23	23	7		1	1	6	1	1		4
Northumberland and Durham	187	165	22	23	97	90	27	92	64	4	143	28	9	7	158	28	1	157	14	62	28		2	1164	1222	56	56	10		2	2	5		1		3
Ontario	112	98	14	11	66	46	22	46	39	5	88	18	4	2	86	25	1	78	8	26	11	3	1	650	692	39	42	4		2	1	2			1	1
Oxford	58	53	5	13	22	36	5	30	22	1	47	8	2	1	40	13	5	59	3	20	10	2		475	482	19	19	6			3	2			1	1
Peel	68	52	16	16	32	36	5	41	22		52	11	2	3	41	26	1	68	11	20	9		2	435	444	31	31	5		1	1	3				6
Perth	61	49	12	17	30	31	8	15	37	1	38	14	8	1	56	4	1	51	3	21	6		1	354	370	13	13	7		1	2			3		4
Peterborough	93	77	16	20	52	41	8	53	31	1	69	13	6	5	82	10	1	65	3	17	8			458	494	28	28	5	1	3	3	1		1	2	4
Prescott	70	57	13	16	30	40	11	37	22		57	9	3	1	65	2	3	52		30	7	8	2	495	512	27	27	7		3		3				3
Prince Edward	70	60	10	8	40	30	5	38	27		61	6	2	1	60	9	1	55	3	23	10		2	422	447	20	20	2			2	3				1
Renfrew	143	111	32	40	67	76	2	60	61	1	112	20	9	2	127	5	11	141	18	78	16	3	1	961	976	37	39	7	4		7	3		4	8	7
Russell	45	32	13	15	16	29	2	30	13		40	5			42	3		37		19	1	2	1	397	404	11	11	3		2	5	1				4
Simcoe	280	247	33	46	139	141	37	118	119	6	219	32	15	14	239	39	2	228	8	63	26	1	1	1736	1813	103	104	16			3	5		3		19
Stormont	57	49	8	9	25	32	5	23	29		43	6	7	1	52	3	2	41	2	12	6	1		260	281	16	16	4			1					4
Victoria	84	77	7	24	45	39	14	38	32		63	18	1	2	79	5		59	5	36	8			487	520	20	20	4		1	3	2		1		13
Waterloo	87	68	19	14	35	52	11	33	43		61	17	3	6	65	16	6	75	3	30	10	1	1	501	522	33	33	4		1		2		1	1	5
Welland	125	115	10	17	59	66	14	61	48	2	72	30	20	3	77	36	12	89	6	43	13			625	674	39	39	3			2	2		2		8
Wellington	124	104	20	25	50	74	23	51	49	1	97	13	11	3	105	18	1	83	5	40	11		1	594	646	35	36	5		2	2	5		3		8
Wentworth	107	95	12	17	50	57	19	48	39	1	73	27	4	3	75	30	2	81	5	45	22		1	534	582	45	45	5			5			1	1	5
York	593	486	107	104	236	357	42	264	277	10	495	54	39	5	280	299	14	425	12	30	78	3	4	3196	3439	205	206	22			29	8	1	8		36
TOTALS	4478	3782	696	764	2109	2369	560	2037	1816	65	3445	628	291	114	3533	832	113	3724	237	1218	549	30	52	26650	27923	1452	1465	211	11	36	115	91	5	50	22	223

STATISTICAL REPORT OF OLD AGE PENSIONS — Summary — Year Ending March 31st, 1946

CITIES		NEW CASES																OLD CASES						CASE LOAD				CASES INELIGIBLE								
		Decisions			Sex		Civil Status				Age				Nationality				Reconsidered					As at				By Reason of								
	Total Pensions Granted	Granted—Full	Granted—Part	Refused and Deferred	Male	Female	Single	Married	Widower or Widower	Separated	70–75	76–80	81–85	86 and Over	Canadian Born	British Born	Foreign Born	Deaths	Reductions	Increases	Reinstatements	Transfers	Former Decisions Sustained	March 31, 1945	March 31, 1946	Bonus	War Appropriation	Assets Other than Property	Property	Transfer of Property	Earnings	Not 70 Years of Age	Parents Maintenance Act	Residence	Not a British Subject	Other Reasons
Algoma	60	51	9	10	36	24	7	29	21	3	54	3	3		55	4	1	66	5	3	13			520	527	9	9	1			1	5		1		2
Cochrane	83	70	13	15	46	37	7	38	37	1	70	10	2	1	63	14	6	63		20	13	2	1	541	572	9	10	2	1	1	2	1	1			8
Dryden	21	15	6	4	12	9	5	11	4	1	18	3			10	4	7	5		3	1			63	80	11	11				1					3
Haliburton	41	34	7	4	19	22		18	23		35	2	3	1	36	3	2	19	3	12	1	1		176	198	11	11	1				1	1		1	1
Kenora	20	19	1		11	9	4	12	4		19	1			10	4	6	33	2	6	6			222	215	9	9									
Manitoulin	16	11	5	6	10	6		12	4		15	1			13	2	1	19			2			147	146	7	7	2			1	1				2
Muskoka	92	82	10	17	50	42	8	49	33	2	73	14	3	2	60	26	6	67		37	7	1	1	482	513	25	25	2			3	3		2		7
Nipissing	63	54	9	9	47	16	4	40	19		55	8			56	3	4	65	3	20	4	1	1	530	531	14	14				1	2				6
Parry Sound	91	78	13	15	59	32	11	44	35	1	76	3	11	1	71	15	5	64	6	47	10	2		603	638	27	27	6				1		2	1	5
Rainy River	35	29	6	5	19	16	4	21	6	4	31	3	1		14	8	13	38	3	19	11	3		349	354	12	12	1			1					3
Sioux Lookout	5	5		1	4	1	1	2	2		4	1			1	1	3	3			1			11	14	4	4									1
Sturgeon Falls	19	17	2	2	13	6		18	1		18		1		19			10		2	2			89	100	12	12	1	1							
Sudbury District	91	79	12	17	51	40	9	60	20	2	79	9	2	1	70	9	12	49	3	27	8		2	580	631	29	30	2		1	3	4		1	1	5
Thunder Bay	59	45	14	3	41	18	14	27	17	1	53	5	1		19	15	25	37	1	22	8			222	252	24	24		1	1		1				
Temiskaming	93	87	16	18	63	40	4	64	33	2	93	9	1		75	18	10	57	1	10	7	2	3	576	627	28	29	9			1	3		2	2	1
TOTALS	799	676	123	126	481	318	78	445	259	17	693	72	28	6	572	126	101	594	27	228	94	12	8	5111	5398	231	233	27	3	2	13	22	2	8	5	44
PROVINCE																																				
Alberta																		13				26		104	117	1	4									
British Columbia																		11				39		63	91		4									
Manitoba																		27		8		63		200	236		19									
New Brunswick																		3				10		24	31											
Nova Scotia																		2	2			7		28	33		1									
Ontario	10	8	2		5	5	2	3	5		6	2	1	1	4	5	1	3							7	3	4									
Prince Edward Island																						2			2		2									
Quebec																		59	1	6		117		319	377		35									
Saskatchewan																		54	2	3	4	96		280	326		22									
TOTALS	10	8	2		5	5	2	3	5		6	2	1	1	4	5	1	172	5	17	4	360		1018	1220	4	91									

PENSIONS FOR THE BLIND

Fiscal Year - 1945 - 46

SUMMARY

			1944-45	1945-46	PERCENTAGE OF CHANGE
Number on Pay List at the Beginning of Fiscal Year			1,449	1,488	......
Grants			148	157	6.0
Reinstatements			22	21	.1
Transfers			9	7	* .3
Sub-Total			1,628	1,673	.3
Less Cancellations			140	130	* .8
Number on Pay List at the End of the Fiscal Year			1,488	1,543	3.7
Number of Cases Dealt With During Year			439	357	* 18.7
Full Grants—1945-46	142				
Part Grants—1945-46	15	157			
SEX—Male	81				
Female	76	157			
CIVIL STATUS—Single	42				
Married	66				
Widow or Widower	47				
Separated	2	157			
AGE—40-45	12				
46-50	13				
51-55	9				
56-60	22				
61-65	38				
66-70	40				
71-75	15				
76-80	3				
81-85	4				
86 and Over	1	157			
NATIONALITY—Canadian Born	119				
British Born	32				
Foreign Born	6	157			
Reinstatements			22	21	.1
Transfers			9	7	.3
Cancellations			140	130	8.0
Increases			49	4	* ......
Reductions			17	8	* 50.0
Refused			54	30	41.0
Assets—Other than Property	4				
Earnings	5				
Not 40 Years of Age	2				
Too Much Vision	9				
Not a British Subject	......				
Other Reasons	10	30			

* Denotes decrease in percentage change.

STATISTICAL REPORT OF PENSIONS FOR THE BLIND — Summary — Year Ending March 31st, 1946

CITIES	Total Pensions Granted	NEW CASES																								OLD CASES						CASE LOAD		Bonus	War Appropriation	CASES INELIGIBLE								
		DISTRICTS				Sex		Civil Status				Age										Nationality			Reconsidered						As At				By Reason of									
		Granted—Full	Granted—Part	Refused and Deferred	Pending	Male	Female	Single	Married	Widow or Widower	Separated	40-45	46-50	51-55	56-60	61-65	65-70	70-75	76-80	81-85	86 and Over	Canadian Born	British Born	Foreign Born	Deaths	Reductions	Increases	Reinstatements	Transfers	Former Decisions Sustained	March 31, 1945	March 31, 1946			Assets Other than Property	Property	Transfer of Property	Earnings	Not 40 Years of Age	Too Much Vision	Parents Maintenance Act	Residence	Not a British Subject	Other Reasons
Belleville																									2						12	10												
Brantford	1	1				1			1	1											1		1		2			1			22	22												
Chatham	2	2				1	1		1	1						1	1					2			6						6	4	1	1									
Cornwall	2	2					2		1	1					1		1					2							1			2												
Fort William	1	1				1		1									1	1					1						1			7	9												
Galt	2	1	1			2			2							1	1					2				1						7	9	2	2									
Guelph				1																					1						10	9									1				
Hamilton	6	5	1	3		1	5		2	3	1				1	1	1	2				5	1		12			1		1	75	70	2	2							1				2
Kingston	1	1				1			1								1							1		1						18	18	1	1									
Kitchener	2	2		2		2			2								2					1		1	1						3	4			1			1						
London	5	4	1			1	4	2	2	1		1	1			3						5			1			1			37	42	2	2									
Niagara Falls																															4	4												
North Bay				1																										4	4									1				
Oshawa	1	1				1			1						1								1								8	9												
Ottawa	6	4	2			2	4	2	3	1			1		1	1	1	1		1		6			9			2	1		64	60	1	1									
Owen Sound																									1						7	6												
Peterborough	4	4				1	3	1	1	2		1				1	1	1				2	2		2						12	14	1	1									
Port Arthur	2	2				1	1			2						2							1	1		1	1					6	7												
St. Catharines	1	1		1		1				1					1									1		2						12	11			1								
St. Thomas	1	1				1			1			1											1		1						6	6	1	1									
Sarnia	3	3		1			3	2		1		2			1								1	2								1	4	2	2							1				
Sault Ste. Marie	2	2		1		1	1	1		1			1							1			1		1							11	13									1				
Stratford	1	1					1		1									1								1					1			15	16												
Sudbury																									2						10	8												
Toronto	18	14	4			12	6	4	8	5	1	2	2	3	5	2	3	1				11	7		37	1		4	1		252	236												
Welland	1	1					1			1				1										1											1	1									
Windsor	2	2		1			2			2						2						1	1		1			1	1		28	28												1
Woodstock																									1	1					3	2												
Totals	64	55	9	11		30	34	13	27	23	2	7	5	4	11	15	14	5	1	1	1	41	20	3	83	4		12	4	1	629	617	14	14	2			1		5				3
TOWNS																																											
Brockville	1	1					1	1								1							1											2	3	1	1									
Gananoque	1	1					1	1										1						1											6	7	1	1									
Ingersoll																														1			2	3												
Prescott																															1	1												
St. Marys																															9	9												
Smith's Falls	1	1				1			1								1								1										1												
Timmins																															1	1												
Trenton	2	2					2	1	1				1					1						2			1						5	6												
Totals	5	5				1	4	3	2				1				1	3							4		1	1			1			26	31	2	2									

STATISTICAL REPORT OF PENSIONS FOR THE BLIND — Summary — Year Ending March 31st, 1946

COUNTIES	NEW CASES																								OLD CASES						CASE LOAD				CASES INELIGIBLE									
		DISTRICTS				SEX		CIVIL STATUS				AGE										NATIONALITY			RECONSIDERED						AS AT				BY REASON OF									
	Total Pensions Granted	Granted—Full	Granted—Part	Refused and Deferred	Pending	Male	Female	Single	Married	Widow or Widower	Separated	40-45	46-50	51-55	56-60	61-65	66-70	70-75	76-80	81-85	86 and Over	Canadian Born	British Born	Foreign Born	Deaths	Reductions	Increases	Reinstatements	Transfers	Former Decisions Sustained	March 31, 1945	March 31, 1946	Bonus	War Appropriation	Assets Other than Property	Property	Transfer of Property	Earnings	Not 70 Years of Age	Too Much Vision	Parents Maintenance Act	Residence	Not a British Subject	Other Reasons
Brant	1	1				1		1									1					1									8	9	1	1										
Bruce	1	1		1		1			1								1					1									18	19	1	1					1					
Carleton	2	1	1			1	1	2									1			1		2			2						19	19	1	1										
Dufferin	1	1					1		1							1						1			1						8	8												
Dundas																									1			1			8	8												
Elgin				1																					1	1					15	14						1						
Essex	1	1				1			1					1								1									21	22												
Frontenac	3	3				3		2			1	1			1			1				3			1						9	11	1	1										
Glengarry	1	1		1			1			1							1					1			4						14	11												1
Grey	3	3				2	1	1	2					1		2						3			1						18	21												
Haldimand	1	1				1			1						1							1									7	8	1	1										
Halton	1	1				1		1									1					1			2						9	8												
Hastings	3	3		4		4		2	1				1			2						3				1					34	37	2	2	2			1						1
Huron	2	2				2		1		1						2						2									16	18	2	2										
Kent	1	1		1		1					1						1					1			2						17	16												1
Lambton	1	1				1				1							1					1			1		1	1			16	15												
Lanark	1	1				1			1							1								1	1						13	14	1	1										
Leeds and Grenville	1	1					1			1										1		1			1						21	21												
Lennox & Addington	3	2	1			1	2		2	1		1					2					3			1						9	11												
Lincoln	3	2	1			1	2	1	1	1					1	2						2	1								12	15												
Middlesex	2	2				1	1	1		1					1					1		2			1						20	21	2	2										
Norfolk	2	2				1	1	1	1								2					2			3			1			20	20												
Northumberland and Durham	4	4				3	1	1	2	1			1			3						3	1		2						27	29	2	2										
Ontario	1	1				1				1							1						1		1						16	16												
Oxford				2																											4	4						2						
Peel	2	2				2		1	1							1		1				1	1		1						9	10												
Perth	4	3	1			1	3	2	2			1			1	1	1					3	1								8	12	2	2										
Peterborough	2	1	1	1		1	1		1	1					1	1						1	1		1						8	9									1			
Prescott				2																					1						25	24							1					1
Prince Edward				1																					2						10	8									1			
Renfrew	3	3				2	1			3					1	1			1			3			2	1					42	43	2	2										
Russell	3	3				2	1		3				1			1	1					3									13	16	2	2										
Simcoe	4	4					4	1	3				1				3					4			5			1			42	42	2	2										
Stormont	2	2				1	1			2					1		1					2			2			1			15	16	1	1										
Victoria																									1		1				13	12	1	1										
Waterloo	1	1				1			1				1									1									9	10	1	1										
Welland	3	3				1	2	1		2			2		1							3			1						8	10	2	2										
Wellington																									2						10	8												
Wentworth	2	2				1	1	1			1			1			1					2			2			1			42	44	3	3										
York	6	6				2	4	1	1	4		1				3	2					3	3		3	1	1	1			48	52												
TOTALS	71	66	5	14		42	30	21	27	21	3	4	7	3	9	21	21	2	1	3		62	9	1	49	4	3	7			681	739	30	30	2			4	2		2			4

STATISTICAL REPORT OF PENSIONS FOR THE BLIND — Summary — Year Ending March 31st, 1946

DISTRICTS	NEW CASES																								OLD CASES						CASE LOAD				CASES INELIGIBLE									
		DECISIONS			SEX			CIVIL STATUS				AGE										NATIONALITY			RECONSIDERED						AS AT				BY REASON OF									
	Total Pensions Granted	Granted—Full	Granted—Part	Refused and Deferred	Pending	Male	Female	Single	Married	Widow or Widower	Separated	40-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86 and Over	Canadian Born	British Born	Foreign Born	Deaths	Reductions	Increases	Reinstatements	Transfers	Former Decisions Sustained	March 31, 1945	March 31, 1946	Bonus	War Appropriation	Assets Other than Property	Property	Transfer of Property	Earnings	Not 70 Years of Age	Too Much Vision	Parents Maintenance Act	Residence	Not a British Subject	Other Reasons
Algoma	1	1		1		1		1				1										1						1			17	19								1				
Cochrane	3	3		1			3		3				1				2					2	1		5						16	14	1	1						1				
Dryden																																												
Haliburton																															2	2												
Kenora																															3	3												
Manitoulin				1																											5	5												1
Muskoka																															11	11												
Nipissing	1	1		1		1		1							1							1			1						17	17	1	1						1				
Parry Sound	2	1	1				2		1	1			1		1							2			3						18	16	1	1										
Rainy River	1	1				1			1									1					1								7	8												
Sioux Lookout																																												
Sturgeon Falls	1	1					1			1								1				1			1						3	3	1	1										
Sudbury	3	3		1		3			3					1			1		1			3			1		1				24	27	1	1						1				
Thunder Bay	1	1				1				1						1						1									4	5												
Temiskaming	3	3				1	2	1	2								2	1				2	1								16	19												
TOTALS	16	15	1	5		8	8	3	10	3		1	2	1	2	1	5	3	1			13	3		11		1	1			143	148	5	5						4				1
PROVINCE																																												
Alberta																															1	1												
British Columbia																																												
Manitoba																															2	2												
Quebec																													2		6	4												
Saskatchewan																									2				1		5	2		1										
TOTALS																									2				3		14	9		1										

STATISTICAL REPORT OF MOTHERS' ALLOWANCES — Year Ending March 31st, 1946

	DECISIONS												NUMBER OF FAMILIES WITH													CANCELLATIONS							INELIGIBLE						
	Applications Received	Applications Granted	Renewals Granted	Reinstated	Ineligible and Deferred	Renewals Refused	Cancelled and Suspended	Continued	Increased	Reduced	No. on Pay List, Mar. 31, 1946	No. on Pay List Part of Year but Later Cancelled	1 Child	2 Children	3 Children	4 Children	5 Children	6 Children	7 Children	8 Children	9 Children	10 Children	11 Children	12 Children	Total	No. of Children Under 16 Yrs.	Remarried	Income	Unsatisfactory	Man Not Perm. Unemployable	Other Reasons	Total	No Children Under 16 Yrs.	Remarried	Income	Unsatisfactory	Man Not Perm. Unemployable	Other Reasons	Total
Widow	881	504	90	185	261	106	1149	269	422	1113	4837	989	2294	1295	650	344	151	58	26	13	1	3	2	...	4837	381	197	264	64	...	243	1149	11	3	95	20		216	345
Incapacitation	522	240	33	73	163	72	274	82	163	315	1240	251	462	316	207	120	71	29	23	7	3	....	1	1	1240	72	2	89	20	35	89	307	2	.....	26	7	16	184	235
Mental	56	27	4	17	18	3	45	7	20	33	182	34	66	59	24	12	11	3	2	4	1				182	8	.....	16	5	8	8	45			1	1	4	15	21
Desertion	91	10	10	7	46	12	57	6	21	68	206	48	103	62	30	6	3	1	..	1	...	...	...	...	206	28	6	6	3		14	57		...	6	5	.....	47	58
Foster Mother	57	10		31	17	3	63	6	18	34	198	58	124	54	13	6	1								198	30	.....	5	1		27	63		...	2	1	2	15	20
F.M. Incap.	17	4	1	4	4	1	20	1	1	6	19	20	5	11	3										19	2	.....	8		1	9	20			1	.....	.....	4	5
F.M. Mental							2			1	1	2	1												1	1	.....	1				2	.....	.....	.....	.....	.....	.....	.....
F.M. Desertion	17	1	.....	3	9	1	6	...	...	2	4	3	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	3	.....	.....	.....	.....	3	6	.....	.....	1	.....	.....	9	10
TOTALS	1641	796	138	320	518	198	1616	371	645	1572	6687	1405	3058	1798	927	488	237	91	51	25	5	3	3	1	6687	525	205	389	93	44	393	1649	13	3	132	34	22	490	694

MOTHERS' ALLOWANCE

Statistical Report

No. of Beneficiaries on Pay List—March 31, 1945	7,082
March 31, 1946	6,687
Decrease During Fiscal Year	395

		No of Children
No. of Beneficiaries on Pay List—March 31, 1946	6,687	13,795
Part of Year but Later Cancelled	1,405	2,181
Totals	8,092	15,976
Average Number of Children per Family		1.97

Number of Families in—			No. of Children	Average No. of Children
Cities—	Active	3,153	5,992	1.9
	Cancelled	707	971	1.31
Towns—	Active	83	143	1.7
	Cancelled	22	49	2.2
Districts—	Active	808	1,951	2.4
	Cancelled	152	265	1.7
Counties—	Active	2,643	5,709	2.2
	Cancelled	524	898	1.7
Totals		8,092	15,978	1.97

COUNTRY OF BIRTH	Active	Cancelled	Total
Canada	4,675	942	5,617
British	1,284	276	1,560
Others Naturalized	728	187	915
Totals	6,687	1,405	8,092
Percentage			
Canada	69.91%	67.05%	69.42%
British	19,21%	19.64%	19,27%
Others Naturalized	10,88%	13,31%	11.31%
	100.00%	100.00%	100.00%

CAUSE OF DEATH	Active	Cancelled	Total
Tuberculosis	380	76	456
Cancer	518	95	613
Others	3,939	818	4,757
Totals	4,837	989	5,826

CAUSE OF INCAPACITATION	Active	Cancelled	Total
Tuberculosis	374	114	488
Cancer	14	10	24
Mental	183	36	219
Epilepsy	15	1	16
Others	856	146	1,002
Totals	1,442	307	1,749

CHILDREN'S AID BRANCH

April 11, 1945 to March 31, 1946

INVESTIGATION REPORT

STATISTICS	
Total Cases Open at April 1, 1945	7,870
New Cases	6,822
Cases Reopened	2,477
Cases Closed	8,921
Total Cases Open at March 31, 1946	8,248

FIELD WORK	
Children Involved in Above Investigated Cases	21,810
Visits re All Cases	68,487
Office Interviews re All Cases	46,384
Attendance on Above Cases—Mental Health	320
Medical	1,115
Dental	111
Court Cases Attended (Including All Attendances on Every Case)	9,911

FACTORS	
Abuse or Ill Treatment	274
Death of Only Parent or Guardian	73
Delinquency of Child	1,216
Desertion	549
Divorce	161
Drunkenness	815
Illness of Parent or Guardian	514
Imprisonment	106
Marital Discord	1,311
Mental Defect—Suspected	211
Diagnosed	139
Mental Illness—Suspected	76
Diagnosed	75
Neglect—Medical	181
Moral	988
Physical	1,526
Non-support	666
One Parent Deceased	284
Personality Problem	277
Separation of Parents	1,241
Sex Offences—Adults with Children	62
Children with Children	24
Specific Disease	59
Truancy	149
Unwarranted Complaint	200
Sundry	2,370

CHILDREN MADE WARDS	
Permanent:	
New Commitments	594
From Previous Temporary Wardship	391
Temporary:	
New Commitments	1,567
From Previous Temporary Wardship	2,787

Report Re Children in Care

STATISTICS	Wards	Other Societies' Wards	Non-Wards	Total
Total Children in Care at April 1st, 1945	9,713	793	4,278	14,694
Children Admitted to Care During Year	2,450	302	4,409	7,161
Children Discharged During Year	1,975	333	4,525	6,833
Total Children in Care at March 31st, 1946	10,188	672	4,162	15,022

——End of Year——

TYPE OF CARE	Wards	Other Societies' Wards	Non-Wards	Total
Shelter	328	6	117	451
Boarding Home	5,480	140	1,095	6,715
Adoption Probation	647	139	2,472	3,258
Wage Home	600	47	19	666
Free Home	2,103	319	360	2,782
Other Institutions:				
1. Placed for Specific Care Under Direct Supervision	496	21	95	116
2. Mental Hospital	276	..	3	279
3. Correction Institution	258	..	1	259
Totals	10,188	672	4,162	15,022

FIELD WORK	
Visits re Children in Care	116,074
Offie Interviews re All Children in Care	51,918
Attendance on Children, Mental Health	1,780
Medical	11,051
Dental	1,636
Children in Care Contacted	38,037
First Placements	3,457
Replacements of Children (One Home to Another Home)	4,952
Returned to Shelter	1,009
Foster Home Investigations	4,766
Replacements, Shelter to Foster Home	1,886
Visits in Search of Foster Homes	4,138

INDUSTRIAL SCHOOLS	
Investigations (a) Before Commitment	166
(b) Before Parole	133

ADOPTION	
Number of Investigations for Final Adoption	1,710
Number of Final Adoption Orders Obtained	1,813

WAR SERVICE REPORT

REPORT re BRITISH CHILD GUESTS

NUMBER OF:	
C.O.R.B. Children Under Supervision at First of Year	436
C.O.R.B. Children Under Supervision at End of Year	113
Visits	5,409
Office Interviews	1,003
Letters to Parents	397
Attendance re Children:	
(a) Medical	96
(b) Dental	49
(c) Mental	5
Replacements	97
Foster Home Investigations	8

REPORT RE DEPENDENTS' ALLOWANCE BOARD

NUMBER OF:	INVESTIGATION RE ELIGIBILITY FOR ALLOWANCE	ADMINISTRATION OF ALLOWANCE	SUPERVISION OF SOLDIERS' FAMILIES
Cases Open at First of Year	126	494	1,329
Cases Opened or Reopened at First of Year	456	137	653
Cases Closed During Year	533	398	1,371
Cases Open at End of Year	49	233	611
Children Involved	481	3,077	10,652
Visits Made	1,167	2,901	5,624
Office Interviews	701	2,831	3,641

REPORT re DEPENDENTS' BOARD OF TRUSTEES

NUMBER OF:	SUPPLEMENTARY GRANTS	COMPASSIONATE LEAVE	SOCIAL INVESTIGATIONS
Cases Opened at First of Year	3,386	352	41
Cases Opened or Reopened at First of Year	12,440	5,751	1,459
Cases Completed	13,989	5,913	1,411
Cases Open at End of Year	1,837	190	89
Visits Made	16,936	5,738	1,882
Office Interviews	7,474	1,522	406
Reports Forwarded	12,341	4,500	514
Grants Administered	1,087	18	1

REPORT re DEPARTMENT OF PENSIONS AND NATIONAL HEALTH

Investigations re Pensions:	
Soldiers Deceased	84
Soldier Discharged for Disability	30
Investigations re War Veterans' Allowances	96

Statistical Report

The Children of Unmarried Parents' Act

COMPARATIVE REPORT SHOWING NUMBER OF CASES DEALT WITH FROM JULY 1, 1921, TO MARCH 31, 1946

1921—July 1, 1921, to October 31, 1921	102	Cases
1921-1922—October 31, 1921, to October 31, 1922	672	"
1921-1923—October 31, 1922, to October 31, 1923	1,162	"
1923-1924—October 31, 1923, to October 31, 1924	1,205	"
1924-1925—October 31, 1924, to October 31, 1925	1,347	"
1925-1926—October 31, 1925, to October 31, 1926	1,705	"
1926-1927—October 31, 1926, to October 31, 1927	1,724	"
1927-1928—October 31, 1927, to October 31, 1928	1,865	"
1928-1928—October 31, 1928, to October 31, 1929	1,886	"
1929-1930—October 31, 1929, to October 31, 1930	2,180	"
1930-1931—October 31, 1930, to October 31, 1931	2,250	"
1931-1931—October 31, 1931, to October 31, 1932	2,148	"
1932-1933—October 31, 1932, to October 31, 1933	2,248	"
1933-1934—October 31, 1933, to October 31, 1934	1,954	"
1934-1935—October 31, 1934, to March 31, 1935	798	"
1935-1936—March 31, 1935, to March 31, 1936	2,166	"
1936-1937—March 31, 1936, to March 31, 1937	2,203	"
1937-1938—March 31, 1937, to March 31, 1938	2,401	"
1938-1939—March 31, 1938, to March 31, 1939	2,371	"
1939-1940—March 31, 1939, to March 31, 1940	2,356	"
1940-1941—April 1, 1940 to March 31, 1941	2,441	"
1941-1942—April 1, 1941 to March 31, 1942	2,800	"
1942-1943—April 1, 1942, to March 31, 1943	2,918	"
1943-1944—April 1, 1943, to March 31, 1944	3,137	"
1944-1945—April 1, 1944, to March 31, 1945	3,082	"
1945-1946—April 1, 1945, to March 31, 1946	3,250	"
	52,371	Cases

CHILDREN OF UNMARRIED PARENTS' ACT

From April 1, 1945 to March 31, 1946 (including 1,014 cases from the Toronto District) .... 3,250 Cases

Of these........ 133 were pending
350 have been settled
2,767 have been closed

Of the cases settled........ 305 were by agreement with the Provincial Officer
40 were by Court Orders.
5 were by private agreement approved by Judge.

Of the cases closed ....1,603 no action was desired.
328 were closed for lack of corroboration.
160 there was no data.
71 couples married.
160 man unknown.
284 man's whereabouts unknown.
75 man outside jurisdiction.
33 man dead.
41 man worthless.
12 criminal action taken

There were........ 17 varied agreements.
48 varied orders.
49 applications for orders on agreements.
55 summons issued.

April 1, 1945 to March 31, 1946........ 3,250 Cases
52,371 "

ADOPTION STATISTICS

NUMBER OF ADOPTIONS BY MONTHS

1945—April	189	1945—September	185	1946—February	162
May	174	October	185	March	165
June	171	November	198		
July	148	December	166	Total Adoptions	2,048
August	117	1946—January	188		

AGES OF CHILDREN LEGALLY ADOPTED

Born—1945	9	1939	84	1933	49	1927	30	1921	8	1915	2
1944	28	1938	73	1932	32	1926	10	1920	2	1913	2
1943	622	1937	64	1931	40	1925	11	1919	4	1912	4
1942	407	1936	51	1930	39	1924	8	1918	3	1911	1
1941	180	1935	39	1929	39	1923	7	1917	2	1902	2
1940	123	1934	40	1928	28	1922	2	1916	2	1900	1
								Total			2,048

CLASSIFICATIONS

Children's Aid Wards	316	Parents Divorced	81
Children of Unmarried Parents	1,655	Child Adopted Second Time	3
Abandoned Children, Foundlings	0	Relatives Adopting	269
Orphaned Children	1	One Person Adopting	37
One Parent Living	105	Child Over 21 Years	26
Both Parents Living	220	Born out of Wedlock, not under Ontario Laws	40
Husband Adopts Wife's Child (Ill.)	291	Married	8
Stepfather Adopts (Legitimate)	128		

NOTE—Many children are included in more than one of the above classifications.

FINANCIAL STATEMENT — CHILDREN'S AID SOCIETIES — RECEIPTS—1945-1946

	MUNICIPAL PAYMENTS			Maint'ance from Parents and Others	PROVINCIAL PAYMENTS			PRIVATE		Sundry	Total Receipts from All Sources
	Maint'ance from Municipality	Grant from Municipality	Maint'ance from Outside Municipalities		Grant	Mileage	Payment for Wards	Donations, Memberships, etc.	Interest from Bequests		
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Algoma	16,248.87		312.25	4,162.36	1,500.00	268.18	8,098.00	5,783.04	199.50	6,063.85	42,636.05
Brant	23,117.90		1,961.80	6,161.82	1,000.00	59.86		5,868.11	1,213.80	1,690.80	41,074.09
Bruce	2,243.83	5,000.12		1,111.78	1,000.00	505.76	460.29	6.20	316.73	539.34	11,184.05
Crochrane	7,490.62	4,150.00		2,331.45	1,500.00		7,770.00	4,078.39		103.50	27,423.96
Dufferin	2,012.80	2,300.00	557.50	499.88	1,500.00	97.96	294.75	1,543.03		5.25	8,811.17
Elgin	16,113.30	2,000.00	2,120.05	993.90	1,500.00	139.28		1,202.45	1,670.28	1,267.20	27,006.46
Fort William	4,662.95	4,065.77	2,139.33	2,633.41	1,000.00	18.54	1,087.17	9,532.75		1,793.41	26,933.33
Frontenac	26,607.00	333.42	7,835.35	4,755.62	1,500.00	161.09	273.75	224.00	204.04	8,030.23	49,924.50
Grey	10,344.00	4,700.00		664.03	1,500.00	12.78			169.67	1,704.58	19,095.06
Haldimand	8,024.90	500.00	1,147.20	34.50	1,000.00	106.00		829.91		2,062.43	13,704.94
Halton	5,047.50	3,664.26	525.75	453.41	1,000.00			108.00		926.30	11,725.22
Hamilton	69,956.48	3,080.52	3,357.47	19,194.03	1,500.00	323.84		266.00	1,133.60	29,790.27	128,602.21
Hastings	31,361.56		1,494.90	1,633.60	1,000.00	191.09	713.95	1,018.00	3,000.00	* 13,459.43	53,872.53
Huron	7,095.55			461.84	1,500.00	367.84	185.00	1,197.27	106.25	1,494.05	12,407.80
Kenora	1,201.65	24.70	655.70	3,940.15	1,000.00	87.75	6,947.50	785.22		115.00	14,759.67
Kent	19,552.99		3,958.70	2,357.47	1,000.00			58.00		275.77	27,202.93
Lambton	2,426.04	24,200.00	14.20	3,869.27	1,000.00	33.35		5,909.93	165.49	2,412.78	40,031.06
Lanark	4,544.50	10,800.00		5,992.39	1,000.00	81.93		261.00		1,106.90	23,786.72
Leeds and Grenville	26,356.05	2,844.90	2,554.50	13,574.97	1,500.00	211.23	95.25	6,933.25	1,270.10	2,377.31	57,717.56
Lennox and Addington	6,830.00		2,195.56	151.66	1,000.00	24.64		5.00	227.71	3,147.05	13,581.62
Lincoln	19,487.07	3,200.00	3,834.42	3,210.33	1,500.00	56.48	268.50	3,992.62		2,743.27	38,292.69
London and Middlesex	64,831.74		2,218.64	7,976.45	1,500.00				3,807.53	4,537.13	84,871.49
Manitoulin	834.45	22.65		833.89	1,000.00	197.61		64.00		425.86	3,378.46
Muskoka	240.00	620.15	557.39	360.00	1,000.00	818.08		2,247.27	42.50	1,058.81	6,944.20
Nipissing	24,551.73		2,072.02	6,177.79	1,500.00	269.05	4,347.89	1,550.94		2,768.30	43,237.72
Norfolk	27,882.44		2,608.65	4,329.21	1,000.00	443.37		3,210.62	668.37	4,153.61	44,296.27
Northumberland and Durham	18,951.95		8,426.12	5,226.29	1,500.00	153.75		1,729.92	925.08	3,220.08	40,133.19
Ontario	23,393.25		12,221.75	460.33	1,500.00	225.48		5.00	121.79	2,082.98	40,010.58
Ottawa and Carleton	200,505.09	8,900.00	12,572.49	51,736.12	1,500.00	25.92		979.51	191.99	36,546.72	312,957.84
Oxford	15,055.27		873.50	2,016.45	1,500.00	500.64	215.35	445.45	1,691.33	1,948.35	24,246.34
Parry Sound	1,548.18	100.00	273.75	1,236.00	1,500.00	134.73	5,042.25	73.00		809.84	10,717.75
Peel	7,390.45	2,659.37	1,766.80	188.92	500.00	58.96		30.03		395.50	12,990.03
Perth	4,677.27	3,850.00	744.88	1,678.76	1,500.00	109.84		4,973.40	196.64	2,560.40	20,291.19
Peterborough	13,229.40		477.01	2,365.41	1,500.00	56.08		4,297.05	515.27	2,060.27	24,500.49
Port Arthur	7,323.65	1,500.00	565.00	7,632.43	1,000.00	163.47	3,369.92	1,341.13		1,748.64	24,644.24
Prescott and Russell	22,965.70		1,877.45	1,637.80	1,000.00	78.74		20.50		2,808.05	30,388.24
Prince Edward	9,781.50	1,686.30	1,057.50	836.11	1,000.00			102.50	108.95	1,343.56	15,916.42
Rainy River	3,957.11	319.51	459.68	931.06	1,000.00	486.15	8,000.40	54.25		2,285.73	17,493.89
Renfrew	22,343.96	314.21	1,469.75	3,066.41	1,000.00	660.07	88.00	2,951.87		12,179.40	44,073.67
Simcoe		50,500.00	3,624.18	8,030.03	1,500.00	305.66	4,427.48	605.00		706.26	69,698.61
Stormont, Dundas and Glengarry	46,595.12		49.50	2,570.46	1,500.00	80.40		30.00	2,257.26	114.00	53,196.74
Sudbury	10,277.30	2,000.00	4,938.45	767.71	1,500.00	733.59	7,153.00	12,120.86	57.95	5,802.05	45,350.91
Temiskaming	15,301.41	1,700.00	1,051.00	4,030.23	1,500.00	404.06	9,114.32	8,540.88		1,530.76	43,172.66
Toronto	260,703.04		30,171.18	35,769.63	1,500.00		2,656.20	108,798.03	3,118.55	2,926.59	445,643.22
Victoria and Haliburton	17,901.33		1,204.95	2,790.08	1,500.00	39.97	131.37	10.00		8,029.58	31,607.28
Waterloo	24,643.68	18,056.73	3,443.10	10,180.24	1,000.00	149.52		970.50		2,954.54	61,398.31
Welland and Niagara Falls	32,450.26		911.66	3,590.47	1,500.00			10,012.68	32.50	6,207.66	54,705.23
Wellington	24,953.31	1,000.00	1,740.12	5,388.72	1,500.00	96.88	170.56	3,285.70	233.51	1,228.70	39,597.50
Wentworth	10,062.00	654.59	6,096.01	3,996.14	1,500.00	77.92		180.86		1,369.50	23,937.02
Windsor (Protestant)	53,334.68	18,366.59	1,922.87	10,815.57	1,500.00			193.45		3,160.28	89,293.44
Windsor (Roman Catholic)	49,433.03	24,123.81	4,031.35	16,065.39	1,000.00			2,077.07		155.18	96,885.33
York	118,500.00	16,390.61		24,501.23	1,500.00	334.36		1,769.62		3,396.50	166,392.32
R.C. St. Vincent de Paul	109,996.68		20,318.07	28,560.06	1,500.00		2,313.00	168.41		711.35	163,567.57
Totals	1,554,340.54	223,628.21	164,409.50	333,933.26	68,000.00	9,353.90	73,223.90	222,441.67	23,646.39	202,334.90	2,875,312.27

* Including Dominion services.

FINANCIAL STATEMENT — CHILDREN'S AID SOCIETIES — EXPENDITURES — 1945-1946

	SHELTER	BOARDING HOMES	ALL OTHER	TOTAL	DAY'S CARE		COST PER DAY	
					SHELTER	BOARDING HOMES	SHELTER	BOARDING HOMES
	$ c.	$ c.	$ c.	$ c.			$ c.	$ c.
Algoma	11,078.55	16,703.08	9,222.08	37,003.71	14,761	24,220	.75	.69
Brant	5,584.63	18,199.49	17,858.61	41,642.73	3,921	25,947	1.42	.70
Bruce	4,164.58	1,696.43	5,427.07	11,288.08	2,242	2,434	1.86	.70
Cochrane	6,228.39	12,364.27	10,910.96	29,503.62	4,142	19,698	1.50	.90
Dufferin	....	3,052.02	5,321.02	8,373.04	....	3,711	....	.82
Elgin	....	20,661.00	9,866.42	30,527.42	....	27,731	....	.75
Fort William	5,382.89	7,717.69	9,318.40	22,418.98	1,693	11,116	3,17	.69
Frontenac	....	35,776.75	17,299.48	53,076.23	....	44,831	....	.80
Grey	5,330.06	8,185.20	9,343.71	22,858.97	4,642	10,161	1,14	.80
Haldimand	....	10,704.58	4,151.12	14,855.70	....	11,369	....	.94
Halton	....	6,777.54	5,258.22	12,035.76	....	7,550	....	.90
Hamilton	6,999.84	81,126.58	45,375.84	133,502.26	4,031	84,618	1.74	.96
Hastings	....	39,866.63	13,392.30	53,258.93	....	50,311	....	.79
Huron	....	4,836.19	5,847.41	10,683.60	....	5,009	....	.97
Kenora	....	11,362.93	3,511.19	14,874.12	....	14,129	....	.80
Kent	14,927.36	5,997.83	6,020.03	26,945.22	12,251	5,993	1.21	1.00
Lambton	....	26,657.39	14,131.70	40,789.09	....	27,477		.97
Lanark	....	14,631.33	8,685.73	23,317.06	....	30,047	....	.49
Leeds and Grenville	4,487.17	39,087.36	13,478.54	57,053.07	638	48,992	7,03	.80
Lennox and Addington	....	11,022.72	3,620.36	14,643.08	....	12,658	....	.87
Lincoln	....	25,846.20	11,086.19	36,932.39	....	30,088	....	.86
London and Middlesex	16,109.35	47,770.48	17,073.88	80,953.71	12,225	50,852	1,32	.94
Manitoulin	....	1,218.85	2,878.35	4,097.20	....	159,600	....	.76
Muskoka	....	2,510.73	3,721.85	6,232.58	....	3,670	....	.92
Nipissing	211.50	31,123.80	9,067.94	40,403.24	....	40,218	....	.77
Norfolk	....	36,224.29	3,759.81	39,984.10	....	37,874	....	.96
Northumberland and Durham	7,037.30	25,851.88	7,700.57	40,589.75	2,827	30,552	2.49	.85
Ontario	10,230.37	24,111.03	6,628.90	40,970.30	5,838	31,941	1.74	.75
Ottawa and Carleton	27,362.77	231,319.85	65,119.41	323,802.03	16,884	290,700	1.62	.80
Oxford	124.74	12,547.93	10,332.92	23,005.59	....	17,941	....	.70
Parry Sound	2,261.98	4,638.93	3,205.56	10,106.47	2,456	7,352	.92	.63
Peel	....	10,150.76	2,702.97	12,853.73	....	8,917		1.14
Perth	....	7,792.75	11,321.76	19,114.51	....	9,718	....	.91
Peterborough	4,765.25	12,102.97	7,801.34	24,669.56	2,087	18,046	1.90	.67
Porth Arthur	6,066.77	12,537.33	10,169.16	28,773.26	4,381	23,591	1.14	.54
Prescott and Russell	....	19,556.90	6,066.82	25,623.72	....	30,700	....	.64
Prince Edward	....	11,275.68	3,629.17	14,904.85	....	14,136	....	.80
Rainy River	....	12,814.42	3,526.96	16,341.38	....	17,383	....	.74
Renfrew	2,884.83	21,448.63	16,921.01	41,254.47	3,377	27,608	.86	.78
Simcoe	....	56,017.13	15,302.64	71,319.77	....	60,003	....	.94
Stormont, Dundas and Glengarry	....	40,330.82	12,404.72	52,735.54	....	63,706	....	.63
Sudbury	10,931.08	19,837.57	12,665.83	43,434.48	8,161	22,242	1.34	.89
Temiskaming	....	30,722.02	10,778.03	41,500.05	....	37,423	....	.82
Toronto	27,704.96	371,214.28	50,086.09	449,005.33	16,675	403,785	1.66	.92
Victoria and Haliburton	....	20,362.76	11,281.58	31,644.34	....	22,574	....	.90
Waterloo	9,660.47	33,500.72	21,741.83	64,903.02	6,369	41,203	1.52	.82
Welland and Niagara Falls	7,028.73	27,715.88	17,022.06	51,766.67	6,761	37,056	.84	.69
Wellington	1,735.52	25,453.09	8,585.17	35,773.78	....	29,405	....	.87
Wentworth	....	15,561.83	8,375.19	23,937.02	....	18,251	....	.85
Windsor (Protestant)	....	64,524.97	26,518.90	91,043.87	....	65,052	....	.99
Windsor (Roman Catholic)	16,191.28	60,878.27	19,919.40	96,988.95	5,579	59,866	2.90	1.02
York	9,282.04	96,999.30	58,464.70	164,746.04	6,041	106,081	1.53	.91
R.C. St. Vincent de Paul	17,054.67	134,001.10	13,234.09	164,289.86	17,577	150,001	.97	.89
TOTALS	240,827.08	1,924,390.16	707,134.99	2,872,352.23	165,559	2,435,537	1.45	.78

* Including Dominion Services.

ORPHANAGES — RESIDENTS

Name of Orphanage	Location	Number of Beds	Number of Residents on Jan. 1, 1945	Number Admitted During Year	Total Number Under Lodgements During Yr.	Total Number Discharged During Year	Number of Deaths During Year	Number Remaining in Dec. 31, 1945
St. Joseph's Orphanage	Cobourg	29	19	13	32	19		13
Nazareth Orphanage	Cornwall	60	57	127	184	118		66
St. Joseph's Orphanage	Fort William	140	128	72	200	91		109
Boys' Home	Hamilton	46	44	12	56	16		40
Girls' Home	Hamilton	60	25	33	58	28		30
Salvation Army Rescue Home	Hamilton	32	30	161	191	163		28
St. Mary's Orphan Asylum	Hamilton	140	95	83	178	85		93
St. Joseph's Orphanage	Hearst	105	148	71	219	99		120
Orphans' Home and Widows' Friendly Society	Kingston	16	4	50	54	43		11
Hedgewood Home	Kingston	27	17	68	85	66		19
St. Mary's of the Lake Orphanage	Kingston	25	12	38	50	48		2
Ronald Roy Gray Memorial Home	London	30	28	16	44	18		26
Mount St. Joseph's Orphanage	London	150	93	98	191	111		80
Protestant Orphans' Home	London	55	34	29	63	24		39
Salvation Army Rescue Home	London	25	28	236	264	226		38
Protestant Children's Village	Ottawa	46	33	151	184	148		36
St. Joseph's Orphanage	Ottawa	187	184	140	324	158		166
St. Mary's Home	Ottawa	60	25	79	104	63	2	39
St. Patrick's Home	Ottawa	65	52	130	182	127		55
Salvation Army Rescue Home	Ottawa	34	30	177	207	166		41
St. Vincent's Orphanage	Peterborough	32	15	17	32	15		17
Loyal True Blue and Orange Home	Richmond Hill	150	74	14	88	28		60
St. Agatha Orphans' Home	St. Agatha	86	59	60	119	63		56
Protestant Orphans' Home	St. Catharines	31	13	11	24	11		13
Youville Orphanage	Sudbury	57	50	19	69	24		45
Carmelite Sisters Orphanage	Toronto	58	53	16	69	17		52
Catholic Welfare Bureau	Toronto	....	200	227	427	157		270
Infants' Home	Toronto		441	575	1,016	551	1	464
Pentecostal Bethel Home	Toronto	14	4	47	51	44		7
Protestant Children's Homes	Toronto	..	231	517	748	485		263
St. Mary's Infants' Home	Toronto	60	48	203	251	202	4	45
Sacred Heart Orphanage	Toronto	52	46	24	70	21		49
Humewood House	Toronto	19	12	94	106	91		15
Jewish Family and Child Service	Toronto	....	106	40	146	23	2	121
Working Boys' Home	Toronto	50	42	120	162	119		43
Salvation Army Children's Home	Toronto	30	29	13	42	13		29
Victor Home	Toronto	24	36	149	185	143	1	41
Salvation Army Rescue Home	Toronto	35	23	193	216	185		31
The Haven	Toronto	.....	52	23	75	29		46
Kitchener and Waterloo Orphanage	Waterloo	52	51	22	73	32		41
Faith Haven	Windsor	40	17	190	207	179		28
Totals		2,122	2,688	4,358	7,046	4,249	10	2,787

ORPHANAGES — RECEIPTS

Name of Orphanage	Location	Receipts From Paying Residents	Receipts from Munici-palities for Indigent Residents	Grants from Munici-palities, Federal Government, etc.	Provincial Grant	Receipts, Investments, Endow-ments, Donations, etc.	Miscel-laneous	Operating Loss	Total Receipts
		$ c	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
St. Joseph's Orphanage	Cobourg	317.55	1,934.52		401.55	1,477.38		99.99	4,131.00
Nazareth Orphanage	Cornwall	7,358.20			1,299.00	6,507.89			15,165.09
St. Joseph's Orphanage	Fort William	3,872.64	4,103.25	13,318.86	2,285.35	2,686.66	2,503.74		28,770.50
Boys' Home	Hamilton	3,373.04	1,613.39		812.40	3,453.49	4,372.00	754.20	13,624.32
Girls' Home	Hamilton	2,526.67	1,469.62		505.30	8,581.00			13,083.09
Salvation Army Rescue Home	Hamilton	8,263.31		100.00	1,033.70	281.69	2,328.31	5,311.05	12,007.01
St. Mary's Orphan Asylum	Hamilton	7,023.51	6,140.95		1,773.65	14,332.00	3,205.00	190.85	32,475.11
St. Joseph's Orphanage	Hearst	12,869.51	607.67		1,787.85	1,009.35	8,186.83	2,621.62	24,461.21
Orphans' Home and Widows' Fldy. S.	Kingston		2,106.52	495.00	126.35	3,868.41	243.83	2,191.43	6.840.11
Hedgewood Home	Kingston	2,072.17		300.00	411.20	41.00		4,523.59	2,824.37
St. Mary's of the Lake Orphanage	Kingston	658.40	3 5.18		219.80	2,554.51	1,838.09		5,655.98
Ronald Roy Gray Memorial Home	London	3,538.08			446.40	4,080.00		2,108.50	8,064.48
Salvation Army Rescue Home	London	12,098.99		500.00	1,277.50	718.95		10,202.56	14,595.44
Mount St. Joseph Orphanage	London	11,124.83	137.05		1,830.25	6,816.01	3,261.54		23,169.68
Protestant Orphans' Home	London	5,211.84	1,200.00		686.10	26,609.61			33,707.55
Protestant Children's Village	Ottawa	6,102.39	280.80		677.30	14,525.60	48.47	1,240.99	21,634.56
St. Joseph's Orphanage	Ottawa	26,757.27	15,712.84		3,350.00	5,118.11	7,167.88	8,764.44	58.105.10
St. Mary's Home	Ottawa	3,649.96		500.00	699.85	6,543.54		2,624.60	11,393.35
St. Patrick's Home	Ottawa	11,543.73	313.20		1,013.45	1,565.71	3.932.58	4,865.72	18,368 67
Salvation Army Rescue Home	Ottawa	3,353.03		797.60	1,204.05	406.17	680.31	7.246.45	6.441.16
St. Vincent's Orphanage	Peterborough	2,055.18			281.75	4,530.59	11.25		6,878.77
Loyal True Blue and Orange Home	Richmond Hill	7,181.76			1,433.50	33,256.51	15.00		41,886.77
St. Agatha Orphanage	St. Agatha	4.005.95		1,000.00	1,058.90	1,945.76	5,228.29		12,238.90
Protestant Orphans' Home	St. Catharines	2,098.75			271.85	3,103.33	116.99	408.08	5,590.92
Youville Orphanage	Sudbury	6,283.39			835.95	6,779.67			13,899.01
Carmelite Orphanage	Toronto	3,511.43			980.15	9,769.00	372.70	2.95	14,633.28
Catholic Welfare Bureau	Toronto	15,186.42	11,641.27		9,109.60	8,431.40		2,813.29	43,368.69
Infants' Homes	Toronto	26.232.32	99,898.42		8,346.45	71,059.84		3,997.61	205.537.03
Pentecostal Bethel Home	Toronto	1,637.82			300.55	1,767.84	118.50	55.56	3,824.71
Protestant Children's Home	Toronto	37,545.10	23,347.33		4,742.70	45.011.36		1,370.75	110,646.49
St. Mary's Infants' Home	Toronto	1,847.07	1,021.80	1,825.00	1,284.95	14,850.00	57.25	1,762.47	20,886.07
Sacred Heart Orphanage	Toronto	5,002.30			899.35	10,429.95		250.18	16,331.60
Humewood House	Toronto	2,415.43			550.40	6,901.64	551.03	06	10,418.50
Jewish Family and Child Service	Toronto	4,260.82	10,063.28	4,785.03	2,132.20	21,702.69			42,944.02
Working Boys' Home	Toronto	11,909.46		400.00	1,302.00	3,103.56			16,715.02
Salvation Army Children's Home	Toronto	4,285.45	240.00		596.50	110.55	1,001.85	3,285.00	6,234.35
Victor Home	Toronto	1,296.49			1,490.65	9,869.81		3,707.03	12,656.95
Salvation Army Rescue Home	Toronto	2,734.65			792.50	279.10	1,104.22	4,672.86	4,910.47
The Haven	Toronto	5,759.33		1,143.75	2,972.20	13,122.77	195.00		23,193.05
Kitchener and Waterloo Orphanage	Waterloo	6,516.70		250.00	890.75	6,301.73	15.00		13,974.18
Faith Haven	Windsor	5,073.65		350.00	706.75	1,896.95	1,780.36		9,807.71
Totals		288,554.59	181,217.09	25,765.24	62,821.20	385,400.13	47,336.02	75,172.03	991,094.37

ORPHANAGES — DISBURSEMENTS

NAME OF ORPHANAGE	LOCATION	TOTAL COLLECTIVE DAYS' STAY OF RESIDENTS	TOTAL COST OF DIETARIES	OTHER MAINTENANCE COSTS	OPERATING PROFITS OR LOSS	TOTAL MAINTENANCE COST	AVERAGE COST OF EACH RESIDENT PER DAY
			$ c.	$ c.	$ c.	$ c.	$ c.
St. Joseph's Orphanage	Cobourg	6,721	1,745.00	2,485.99	......	4,230.99	.63
Nazareth Orphanage	Cornwall	25,145	5,257.62	8,079.02	426.24	13,336.64	.53
St. Joseph's Orphanage	Fort William	41,496	8,811.91	20,764.53	805.94	29,576.44	.71
Boys' Home	Hamilton	15,937	5,396.79	8,981.63	......	14,378.42	.90
Girls' Home	Hamilton	10,689	3,848.43	8,880.04	·348.62	12,734.47	1.19
Salvation Army Rescue Home	Hamilton	10,503	4,359.15	12,852.89	......	17,212.04	1.65
St. Mary's Orphan Asylum	Hamilton	33,285	13,844.02	18,821.94	......	32,665.96	.91
St. Joseph's Orphanage	Hearst	......	6,356.92	20,725.01	......	27,081.93	......
Orphans' Home and Widows' Friendly Society	Kingston	2,915	2,624.16	6,407.38	......	9,031.54	3.10
Hedgewood Home	Kingston	7,241	1,459.19	5,888.77	......	7,347.96	1.01
St. Mary's of the Lake Orphanage	Kingston	2,274	1,130.53	2,514.18	2,011.27	3,644.71	1.60
Ronald Roy Gray Memorial Home	London	8,840	3,259.24	6,913.74	1,247.75	10,172.98	1.15
Salvation Army Rescue Home	London	15,844	5,839.11	18,958.83	......	24,797.94	1.57
Mount St. Joseph Orphanage	London	31,768	11,845.73	11,244.90	79.05	23,090.63	.73
Protestant Orphans' Home	London	14,125	4,103.12	8,379.85	21,224.58	12,482.97	.88
Protestant Children's Village	Ottawa	14,194	4,038.57	18,836.98	......	22,875.55	1.61
St. Joseph's Orphanage	Ottawa	65,496	30,327.94	36,542.60	......	66,870.54	1.02
St. Mary's Home	Ottawa	11,909	2,722.20	11,295.75	......	14,017.95	1.17
St. Patrick's Home	Ottawa	21,363	6,073.65	17,160.74	......	23,234.39	1.09
Salvation Army Rescue Home	Ottawa	7,467	2,930.32	10,757.29	......	13,687.61	1.83
St. Vincent's Orphanage	Peterborough	6,047	1,521.41	4,442.72	914.64	5,964.13	.99
Loyal True Blue and Orange Home	Richmond Hill	13,527	6,318.68	25,602.11	9,966.08	31,920.79	2.36
St. Agatha Orphans' Home	St. Agatha	10,169	2,848.39	9,374.60	15.91	12,222.99	1.20
Protestant Orphans' Home	St. Catharines	4,730	1,529.64	4,469.36	......	5,999.00	1.27
Youville Orphanage	Sudbury	14,830	3,387.84	8,918.00	1,593.17	12,305.84	.83
Carmelite Orphanage	Toronto	19,647	4,660.43	9,975.80	2,95	14,636.23	.74
Catholic Welfare Bureau	Toronto	128,994	26,527.01	19,654.97	......	46,181.98	.35
Infants' Homes	Toronto	164,473	4,240.21	205,294.43	......	209,534.64	1.27
Pentecostal Bethel Home	Toronto	3,660	1,204.33	2,675.94	......	3,880.27	1.06
Protestant Children's Home	Toronto	95,811	63,343.66	48,673.58	......	112,017.24	1.17
St. Mary's Infants' Home	Toronto	17,149	7,142.78	15,505.76	......	22,648.54	1.32
Sacred Heart Orphanage	Toronto	18,068	5,634.21	10,947.57	......	16,581.78	.92
Humewood House	Toronto	6,681	2,115.71	8,302.85	......	10,418.56	1.56
Jewish Family and Child Service	Toronto	37,455	24,666.51	18,271.23	6.28	42,937.74	1.15
Working Boys' Home	Toronto	15,964	4,433.68	10,491.31	1,790.03	14,924.99	.93
Salvation Army Children's Home	Toronto	10,392	1,924.71	7,594.64	......	9,519.35	.92
Victor Home	Toronto	19,783	6,990.77	9,373.21	......	16,363.98	.83
Salvation Army Rescue Home	Toronto	10,272	2,668.56	6,914.77	......	9,583.33	.93
The Haven	Toronto	18,025	3,395.61	19,779.13	18.31	23,174.74	1.28
Kitchener and Waterloo Orphanage	Waterloo	14,828	2,867.66	5,531.61	5,574.91	8,399.27	.57
Faith Haven	Windsor	10,429	1,495.92	6,524.11	1,787.68	8,020.03	.77
TOTALS		988,146	304,891.32	709,950.04	38,735.13	1,019,707.08	1.00

UNEMPLOYMENT RELIEF STATISTICS

Based on Survey of Case-Load
March, 1947

TABLE I

NUMBER OF CASES, ACCORDING TO SIZE OF FAMILY

Size of Families	Total Cases 1946	Total Cases 1945	Percentages 1946	Percentages 1945	Accumulative Percentages 1946	Accumulative Percentages 1945
Total Cases—Province..........	8,591	7,879	100.0	100.0	100.0	100.0
Families....................................	3,331	2,959	38.8	37.6	38.8	37.6
Single Individual....................	5,260	4,910	61.2	62.4	100.0	100.0
Families of 2...........................	1,430	1,359	42.9	45.9	42.9	45.9
" " 3	655	552	19.7	18.7	62.6	64.6
" " 4.........................	508	377	15.4	12.7	78.0	77.3
" " 5.........................	291	274	8.7	9.3	86.7	86.6
" " 6.........................	196	160	5.9	5.4	92.6	92.0
" " 7.........................	118	95	3.5	3.2	96.1	95.2
" " 8.........................	58	65	1.7	2.2	97.8	97.4
" " 9	34	31	1.0	1.0	98.8	98.4
" " 10 plus................	41	46	1.2	1.6	100.0	100.0

TABLE II

MARITAL STATUS OF CASE LOAD

Martial Status	Total Cases 1946	Total Cases 1945	Percentages 1946	Percentages 1945
Total Cases—Province..........	8,591	7,869	100.0	100.0
Single Persons..........................	2,011	1,819	23.4	23.1
Married....................................	2,610	2,516	30.4	32.0
Widows....................................	2,025	1,926	23.6	24.5
Widowers................................	414	379	4.8	4.8
Common law..........................	70	63	.8	.8
Separated................................	776	656	9.0	8.3
Deserted.................................	612	457	7.1	5.8
Divorced.................................	73	53	.9	.7

TABLE III

REASON ASSISTANCE BEING GRANTED

	Number of Cases 1946	Number of Cases 1945	Percentage of Cases 1946	Percentage of Cases 1945
Total Cases—Province	8,591	7,869	100.0	100.0
Reasons other than Health	1,545	1,198	18.0	15.2
Major Health Reasons	7,046	6,671	82.0	84.8
(a) Reasons for Assistance being Granted, Other than Health Reasons				
Province	1,545	1,198	100.0	100.0
Desertion	466	311	30.2	26.0
Separation	300	200	19.4	16.7
Imprisonment	232	170	15.0	14.2
Widowhood	204	155	13.2	12.9
Illegitimacy	145	145	9.4	12.1
Miscellaneous	198	217	12.8	18.1
(b) Major Health Reasons				
Province	7,046	6,671	100.0	100.0
Circulation	1,490	1,566	21.1	23.5
Senility Age	1,465	1,095	20.7	16.4
Rheumatic, etc	975	1,085	13.9	16.3
Central Nervous System	923	955	13.1	14.3
Respiratory	380	421	5.4	6.3
Disease of Bones	296	97	4.2	1.5
Diseases of Digestive	279	367	4.0	5.5
Acute Sickness	206	28	2.9	.4
Handicap, etc	203	260	2.9	3.9
Injuries and Accidents	165	175	2.3	2.6
Diseases of Blood	142	154	2.0	2.3
Tuberculosis	123	99	1.7	1.5
Cancer	97	93	1.4	1.4
Genito-urinary	90	93	1.3	1.4
Other Reasons	212	183	3.1	2.7

TABLE IV

MAJOR HEALTH REASONS SHOWN IN PERCENTAGE, ACCORDING TO AGE

Type Ailment	Total Cases	% and Over	60-69	50-59	40-49	30-39	29 and Over
Total Cases—Province	7,046	11.0	49.8	18.0	11.3	6.8	3.1
Circulation	1,490	4.0	63.3	20.9	7.0	3.6	1.2
Senility Age	1,465	40.8	58.3	.8	.1	....	....
Rheumatic, etc	975	3.3	58.3	20.8	10.7	5.3	1.6
Nervous System	923	2.2	36.7	23.2	19.4	12.7	5.8
Respiratory	380	2.9	45.3	25.0	17.6	7.4	1.8
Diseases of Bones	296	1.7	33.4	26.0	22.6	11.1	5.2
Diseases of Digestive	279	3.9	45.9	22.6	14.0	10.4	3.2
Acute Sickness	206	....	11.2	22.3	30.1	24.7	11.7
Handicap, etc	203	3.4	36.9	33.0	14.3	9.4	3.0
Injuries and Accidents	165	1.2	30.9	18.8	26.7	15.7	6.7
Diseases of Blood	142	.7	53.5	26.1	10.6	4.9	4.2
Tuberculosis	123	4.1	22.0	27.6	18.7	13.0	14.6
Cancer	97	8.2	46.4	20.6	18.6	5.2	1.0
Genito-urinary	90	1.1	47.8	21.1	13.3	14.5	2.2
Other Reasons	212	6.1	31.6	17.5	14.6	24.2	16.0

TABLE V

FORMS OF ASSISTANCE INTO HOME ADDITIONAL TO RELIEF

Type of Assistance	Total Cases 1946	Total Cases 1945	Percentage of Cases 1946	Percentage of Cases 1945
Total Cases—Province	2,982	3,021	100.0	100.0
Old Age Pension	530	490	17.8	16.2
Mothers' Allowances	139	150	4.7	5.0
Blind Pension	46	31	1.5	1.0
Veterans Allowance	21	21	.7	.7
Workmen's Compensation	20	17	.7	.6
Miscellaneous	2,226	2,312	74.6	76.5

TABLE VI

TOTAL NUMBER ON RELIEF, ACCORDING TO BIRTHPLACE

Country of Birth	Head of Families	Single Individuals	Wives or Home-makers	Children and Other Dependents	Total Persons	Percentage
Total Cases—Province	3,331	5,260	1,544	6,651	16,786	100.0
Canada	2,518	3,212	1,069	6,594	13,393	79.8
British Isles	487	1,170	273	36	1,966	11.7
Other	326	878	202	21	1,427	8.5

RECEIPTS—County Houses of Refuge or Homes for the Aged—Jan. 1st to Dec. 31st, 1945

Name	Location	County	Farm, Garden Stock, etc.	Interest, Donations Bequests, Loans, etc.	Cities and Other Municipalities	Paying Residents	Pensioners, Blind or O.P A.	Provincial Government	Net Loss	All Others	Cash on Hand, Jan. 1, 1945	Total
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Brant	Brantford	1,665.47	1,725.41		3,270.37	612.00	12,789.23			1,500.00	1,506.11	23,068.59
Bruce	Walkerton	8,214.57	2,390.53			1,221.00	9,227.63			1,350.00		22,403.73
Elgin	St. Thomas	5,011.89	2,263.48	530.00		189.00	4,614.68					12,609.05
Essex	Leamington	7,964.24	2,778.59			1,897.15	9,088.44			100.00		21,828.42
Grey	Markdale	2,096.95	2,860.65		2,911.78	1,108.89	8,193.77					17,172.04
Haldimand	Dunnville	3,604.34	1,598.67			835.25	3,750.00					9,788.26
Hastings	Belleville	5,377.82	4,265.77			2,299.17	11,259.98			35.00		23,237.74
Huron	Clinton	15,500.00	4,420.25	4.27		4,601.81	8,948.51				64.07	33,538.91
Kent	Chatham	8,545.94	847.55			587.78	12,407.60			874.84		23,263.71
Lambton	Sarnia	9,363.93	1,205.72			1,318.35	4,956.00					16,844.00
Lanark	Perth	7,829.79	3,865.17		459.88	615.00	11,334.40			227.76		24,332.00
Leeds and Grenville	Athens	3,099.69	1,635.28			1,300.00	4,528.52			210.00		10,773.49
Lincoln	St. Catharines	8,329.66	5,151.89		5,302.87	745.25	6,114.31			715.70		26,359.68
Middlesex	Strathroy	13,959.58	2,407.26			932.65	2,229.28			125.94		19,654.71
Norfolk	Simcoe	7,500.00	803.07		4,335.60	600.00	7,298.55			15.00		20,552.22
Northumberland and Durham	Cobourg	14,748.74	2,124.96			1,950.00	11,596.48					30,420.18
Ontario	Whitby	18,266.39	8,777.24		3,916.81	3,917.44	13,579.17	770.00				49,227.05
Oxford	Woodstock	6,800.00	5,214.49			1,015.00	8,682.75			40.63	842.44	22,595.31
Peel and Halton	Brampton	14,000.00	200.00			7,338.88	10,703.24			35.85	2,585.12	34,863.09
Perth	Stratford	8,095.53	815.39	174.20	3,364.32	1,043.07	4,776.21					18,268.72
Peterborough	Lakefield	1,358.63	1,274.21			1,011.10	1,148.00					4,791.94
Prescott and Russell	L'Original	11,625.24	2,305.78				5,679.00					19,610.02
Prince Edward	Picton	2,504.30	1,495.69			53.00	6,067.24			24.95		10,145.18
Simcoe	Beeton	7,846.73	3,689.11			4,214.90	8,119.03			221.50		24,091.27
Stormont, Dundas and Glengarry	Cornwall	12,912.56	7,468.57		3,642.54	2,949.10	7,785.32			83.63		34,841.72
Victoria	Lindsay	21,645.05	4,627.79		1,107.31	1,084.38	9,004.36	255.50	3,075.00	18.00	150.61	40,968.00
Waterloo	Kitchener	15,573.27	15,969.59		17,006.80	5,187.11	13,598.00				788.13	68,122.90
Welland	Welland	15,020.65	1,091.73		1,726.92	359.72	6,891.21			432.00		25,522.23
Wellington	Fergus	3,002.95	1,000.00	59.24		2,609.62	7,100.00			732.00	2,142.58	16,646.39
Wentworth	Dundas	11,628.67	30.00			737.04	8,967.59			12.54		21,375.84
York	Newmarket	12,931.17	2,565.25				8,166.18			1,034.48		24,697.08
TOTALS		286,023.75	96,869.09	767.71	47,045.20	52,333.66	248,604.68	1,025.50	3,075.00	7,789.82	8,079.06	751,613.47

DISBURSEMENTS—County Houses of Refuge, Homes for the Aged—Jan. 1st, 1945, to Dec. 31st, 1945

Name	Location	Building and Repairs	Clothing, Shoes, etc.	Farm, Garden Supplies, Equipment	Farm, Feed, Stock, etc.	Food and Provisions	Fuel and Heating	Funeral Expenses Residents	House Furnishings, Bedding, Laundry, etc.	Insurance Prepaid or Unexpired	Light and Power	Management Expense, etc.	Physician's Salary
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c
Brant	Brantford	$ 4,908.96	$ 366.27	$	$ 1,497.68	$ 5,124.55	$ 890.72	$	$ 1,299.44	$ 414.82	$ 221.76	$ 458.40	$ 600.00
Bruce	Walkerton	2,113.01	499.95		3,076.12	4,889.65	1,338.12	60.00	981.04	149.55	324.83	621.62	395.95
Elgin	St. Thomas	900.42	518.46	888.34	882.50	3,387.64	1,538.03	165.00	382.27	43.42	212.43	45.00	300.00
Essex	Leamington	1,254.31	838.28		2,735.57	4,948.49	1,485.54	220.00	2,180.19		250.17	380.24	841.92
Grey	Markdale	288.79	338.01	2,070.94		4,773.52	1,890.31	241.42	486.15		168.81	767.01	300.00
Haldimand	Dunnville	506.82	586.03		1,267.06	2,110.20	246.96	179.00	290.14		179.98	33.00	200.00
Hastings	Belleville	820.11	897.25	515.35	1,239.29	8,412.13	2,065.38	143.00	491.28	81.05	317.02	468.90	400.00
Huron	Clinton	3,899.75	1,536.76	3,438.98	4,945.94	6,658.04	2,053.90	535.00	1,159.32	26.00	844.43	418.00	360.00
Kent	Chatham	544.70	785.71		560.75	5,356.72	1,645.44	40.00	2,535.03		477.52	199.92	400.00
Lambton	Sarnia	2,193.97	684.69	462.31		4,208.08	1,156.98	104.00	508.29		161.32	358.00	300.00
Lanark	Perth	921.76	899.48	551.61	3,047.20	6,316.63	2,004.17	211.00	1,342.52	268.67	452.13	806.78	500.00
Leeds and Grenville	Athens	984.66	335.85		1,528.43	1,735.63	1,413.84		228.13		119.31		235.00
Lincoln	St. Catharines	3,122.81	1,000.71	1,245.61	2,871.48	4,857.01	964.95		1,663.27	164.20	885.79		250.00
Middlesex	Strathroy	2,366.12	361.77		3,476.56	3,638.38	1,200.90		1,396.89	125.94	743.82	334.50	240.00
Norfolk	Simcoe	981.35	669.27	2,373.30		4,503.60	1,464.76	209.50	1,431.48	249.71	261.51		300.00
Northumberland and Durham	Cobourg	1,752.80			3,504.88	19,485.25							550.00
Ontario	Whitby	1,612.70	2,061.60	912.98	5,443.32	15,313.17	2,554.98	510.50	2,928.65	347.78	576.82		612.84
Oxford	Woodstock	2,927.49	382.48	4,356.62		4,591.10	1,436.53	210.00	2,023.23	385.89	420.48	819.50	400.00
Peel and Halton	Brampton	9,781.16	2,138.44		2,934.00	5,916.29	1,490.78	128.00	1,976.31	406.51	308.96		400.00
Perth	Stratford	2,698.49	1,767.97		1,658.98	5,512.76	1,326.50	210.00	1,003.98	125.00	545.45	481.40	300.00
Peterborough	Lakefield	139.22	102.86		290.16	1,278.30	589.35		4.90	187.25	95.54		250.00
Prescott and Russell	L'Original	2,032.74	190.96	942.43	4,665.11	2,570.27	1,402.20		569.85		444.93	34.40	200.00
Prince Edward	Picton	1,533.58	324.45	31.90	1,014.14	2,237.67	1,035.66	278.00	406.04	63.25	225.39	61.50	400.00
Simcoe	Beeton	2,203.91	703.52	111.87	3,033.13	5,942.39	1,592.62	259.25	352.11		415.23	788.10	250.00
Stormont, Dundas and Glengarry	Cornwall	772.87	513.47		7,165.63	9,746.06	2,163.72	320.00	2,438.42		670.23	444.20	225.00
Victoria	Lindsay	19,627.30	894.05	165.34	2,733.01	7,188.03	1,865.15	142.50	1,358.55	492.03	256.98	323.80	270.00
Waterloo	Kitchener	4,837.08	1,006.74		6,794.37	20,924.75	5,000.61	287.50	2,626.10	93.02	1,228.51	2,263.29	600.00
Welland	Welland	4,431.48	1,196.16		2,179.32	8,577.39	1,416.84		893.99	271.91	414.69	834.05	225.00
Wellington	Fergus	1,543.21	312.76	539.73	1,593.49	2,388.01	1,174.35		235.45	294.45	830.23	680.65	250.00
Wentworth	Dundas	1,463.34	492.65	262.90	471.45	4,799.96	1,093.06	451.00	481.68	129.01	252.34	1,572.00	300.00
York	Newmarket	3,119.79	393.96		2,530.34	4,375.17	2,305.52			14.96	387.00	269.77	500.00
Totals		86,284.70	22,800.56	18,870.21	73,140.01	191,766.84	47,807.87	4,904.67	33,674.70	4,334.77	12,693.61	13,464.03	11,355.71

DISBURSEMENTS—County Houses of Refuge, Homes for the Aged—Jan. 1st, 1945, to Dec. 31st, 1945—(Continued)

NAME	LOCATION	DENTIST, DRUGS, SPIRITS, SURGICAL OR MEDICAL SUPPLIES	STATIONERY, OFFICE SUPPLIES	PENSION REFUNDS	SALARIES SUPERINTENDENT OR MATRON	TAXES	TELEPHONE, TELEGRAPH, FREIGHT, ETC.	WAGES, ALL EMPLOYEES	WATER AND ICE	ALL OTHERS	CASH ON HAND, DEC. 31, 1945	TOTAL
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Brant	Brantford	206.46	44.34		2,344.00		72.22	3,640.20	176.65	200.00	602.12	23,068.59
Bruce	Walkerton	517.47	104.72	461.80	1,630.04		100.68	2,407.80	10.25	2,721.13		22,403.73
Elgin	St. Thomas	168.15	24.00	15.00	1,500.00		84.39	1,380.00		174.00		12,609.05
Essex	Leamington	544.26	51.91	969.00	2,050.00	30.68	114.91	2,832.95		100.00		21,828.42
Grey	Markdale	673.63	42.10	574.00	1,499.88		100.65	2,506.33	181.80	268.69		17,172.04
Haldimand	Dunnville	449.08	72.25	453.00	1,320.00		59.73	1,781.41	53.60			9,788.26
Hastings	Belleville	238.36		1,855.37	2,140.40		68.40	2,193.10	341.00	550.35		23,237.74
Huron	Clinton	427.81	85.10	892.20	2,358.33	40.35	92.09	3,116.95		648.81	1.15	33,538.91
Kent	Chatham	646.08	17.23	1,201.45	1,600.00		45.60	4,359.10	349.34	2,499.12		23,263.71
Lambton	Sarnia	2,553.97	62.74	363.00	1,660.92		60.65	1,552.70	102.38	350.00		16,844.00
Lanark	Perth	587.91	36.54		1,803.24		92.12	3,215.36	60.00		1,214.88	24,332.00
Leeds and Grenville	Athens	152.71	15.00	238.00	1,600.00		36.97	1,779.96	370.00			10,773.49
Lincoln	St. Catharines	344.84	73.04	84.00	1,940.00	45.00	143.62	5,259.49	157.00	1,286.86		26,359.68
Middlesex	Strathroy	212.65	95.22		1,920.29		228.36	2,943.94	369.37			19,654.71
Norfolk	Simcoe				1,200.00			3,255.16		1,434.33	2,218.25	20,552.22
Northumberland and Durham	Cobourg				1,487.26			3,639.99				30,420.18
Ontario	Whitby	369.42	14.65	1,553.50	1,750.00		213.25	4,283.55	273.04	43.70	7,850.60	49,227.05
Oxford	Woodstock	98.04		423.65	1,700.00			1,723.30	655.02		41.98	22,595.31
Peel and Halton	Brampton	39.69	51.90	230.63	2,079.96		103.44	1,900.41	397.44		4.579.17	34,863.09
Perth	Stratford	348.51	61.95		1,725.00		71.40	12.00		419.33		18,268.72
Peterborough	Lakefield	26.89		114.00	1,126.18			379.89	31.40	176.00		4,791.94
Prescott and Russell	L'Original	92.65	62.70		1,200.00		25.33	5,176.45				19,610.02
Prince Edward	Picton	64.30		22.91	1,700.00		44.75	700.29		1.35		10,145.18
Simcoe	Beeton	136.42		1,187.60	2,200.00	40.32	321.73	3,110.50	256.50	1,185.97		24,091.27
Stormont, Dundas and Glengarry	Cornwall	106.94	38.85	907.63	3,120.00		61,56	2,899.66	225.00	3,022.48		34,841.72
Victoria	Lindsay	425.64	24.60		1,560.00			1,440.68	218.83	846.15	1,135.36	40,968.00
Waterloo	Kitchener	1,239.70	360.62	355.91	2,000.00	193.66	157.75	14,145.28	676.30	2,859.39	472.32	68,122.90
Welland	Welland	516.24	66.99		1,500.00	29.79	158.07	2,725.95	84.36			25,522.23
Wellington	Fergus	177.46	24.25		2,400.00		148.94	2,353.11		681.56	1,018.39	16,646.39
Wentworth	Dundas	236.05		471.60	1,600.00		74.65	3,437.25	461.84	3,325.06		21,375.84
York	Newmarket	844.65	90.37		2,659.20		225.56	4,853.74		2,127.05		24,697.08
TOTALS		12,455.98	1,521.07	12,374.25	56,374.70	379.80	2,906.82	95,006.50	5,451.12	24,922.33	19,134.22	751,613.47

STATISTICS—County Houses of Refuge; Homes for the Aged, 1945

NAME	LOCATION	NUMBER RESIDENTS, JAN. 1, 1945	NUMBER ADMISSIONS	TOTAL ADMISSIONS, INCLUDING JAN. 1	NUMBER DISCHARGED 1945	NUMBER DEATHS	NUMBER RESIDENTS, DEC. 31, 1945	AVERAGE NUMBER RESIDENTS, 1945	NUMBER RESIDENTS, 1945			NUMBER PAYING RESIDENTS	NUMBER PAID BY MUNICIPALITIES	NUMBER FREE RESIDENTS	NUMBER PENSIONERS	RESIDENTS' DAYS' STAY, NON-PENSIONER
									MALE	FEMALE	TOTAL					
Brant	Brantford	84	47	131	32	9	90	87	90	41	131	3	....	69	59	14,568
Bruce	Walkerton	56	20	76	8	8	60	57	38	38	76	8	....	32	36	10,757
Elgin	St. Thomas	34	14	48	8	8	32	33	29	19	48	1	....	28	19	7,949
Essex	Leamington	86	21	107	6	17	84	86	77	30	107	5	....	65	37	21,196
Gray	Markdale	70	20	90	10	9	71	69	48	42	90	2	....	52	36	15,428
Haldimand	Dunnville	33	10	43	4	9	30	33	25	18	43	5	....	24	14	8,010
Hastings	Belleville	88	17	105	10	11	84	84	59	46	105	7	....	54	44	18,215
Huron	Clinton	87	16	103	1	12	90	88	50	53	103	14	....	53	36	20,884
Kent	Chatham	91	26	117	16	10	91	89	81	36	117	2	....	65	50	8,139
Lambton	Sarnia	62	10	72	7	8	57	60	56	16	72	3	....	50	19	16,343
Lanark	Perth	78	25	103	13	16	74	74	71	32	103	3	....	52	48	14,070
Leeds and Grenville	Athens	42	13	55	4	2	49	45	38	17	55	6	....	34	15	11,595
Lincoln	St. Catharines	61	16	77	12	6	59	57	50	27	77	3	17	32	25	11,579
Middlesex	Strathroy	60	23	83	9	9	65	55	57	26	83	2	....	61	20	17,260
Norfolk	Simcoe	62	18	80	11	7	62	60	46	34	80	2	....	52	26	13,564
Northumberland and Durham	Cobourg	107	30	137	12	21	104	104	70	67	137	5	....	95	37	27,010
Ontario	Whitby	122	32	154	17	19	118	122	95	59	154	8	3	85	58	28,603
Oxford	Woodstock	63	7	70	....	10	60	59	42	28	70	3	....	42	25	13,928
Peel and Halton	Brampton	120	29	149	10	16	123	120	86	63	149	19	....	80	50	30,742
Perth	Stratford	73	12	85	7	9	69	70	50	35	85	10	1	49	25	18,894
Peterborough	Lakefield	15	3	18	1	2	15	16	15	3	18	3	....	10	5	4,518
Prescott and Russell	L'Orignal	55	7	62	7	1	54	50	31	31	62	....	....	40	22	11,567
Prince Edward	Picton	46	19	65	5	9	51	53	32	33	65	1	....	43	21	12,093
Simcoe	Beeton	86	29	115	6	17	92	86	87	28	115	6	8	72	29	21,588
Stormont, Dundas and Glengarry	Cornwall	84	29	113	11	19	83	86	69	44	113	9	....	79	25	23,711
Victoria	Lindsay	71	15	86	2	10	74	72	55	31	86	4	1	44	37	14,296
Waterloo	Kitchener	167	17	184	9	15	160	161	116	68	184	11	....	122	51	42,953
Welland	Welland	66	20	86	14	2	70	63	64	22	86	2	15	35	34	13,878
Wellington	Fergus	67	19	86	7	3	76	71	34	52	86	5	2	42	37	14,835
Wentworth	Dundas	60	6	66	....	6	60	55	45	21	66	....	....	34	32	10,336
York	Newmarket	82	16	98	7	9	82	81	66	32	98	3	....	66	29	20,736
TOTALS	....	2,273	536	2,864	266	309	2,289	2,246	1,772	1,092	2,864	155	47	1,661	1,001	519,245

STATISTICS—County Houses of Refuge, Homes for the Aged, 1945—(Continued)

Name	Location	Residents' Days' Stay, Pensioners	Total Days' Stay	Number Beds in Dormitory	Number Beds Made Up	Number Protestants	Number Catholics	Other Religions or Not Known	Canadian	English	Irish	Scotch	United States	All Others	Average Cost per Diem per Resident
Brant	Brantford	16,914	31,482	90	90	119	12	....	84	26	4	2	1	14	.73
Bruce	Walkerton	9,984	20,741	65	60	72	4	....	71	4	....	....	....	....	1.07
Elgin	St. Thomas	4,277	12,226	50	40	47	1	....	39	5	....	2	....	1	.70
Essex	Leamington	9,931	31,127	84	89	83	24	....	78	15	....	1	3	10	.70
Grey	Markdale	9,621	25,049	80	80	89	1	....	79	5	3	1	1	1	.68
Haldimand	Dunnville	3,943	11,953	45	45	40	3	....	39	2	....	....	....	2	.81
Hastings	Belleville	12,445	30,660	106	90	98	7	....	101	3	....	....	....	1	.76
Huron	Clinton	11,222	32,106	95	95	86	4	....	103	....	....	....	....	....	1.04
Kent	Chatham	23,889	32,028	100	91	53	16	13	84	12	6	7	....	8	.72
Lambton	Sarnia	5,672	22,105	60	60	66	5	48	65	4	1	....	....	2	.77
Lanark	Perth	12,768	26,838	110	90	83	20	1	95	4	1	1	2	2	.91
Leeds and Grenville	Athens	4,707	16,302	60	42	54	1	....	51	2	1	1	....	....	.65
Lincoln	St. Catharines	9,172	20,751	66	61	62	15	....	42	16	5	....	4	10	1.24
Middlesex	Strathroy	2,977	20,237	125	65	81	2	....	61	20	....	1	1	....	.98
Norfolk	Simcoe	8,379	21,943	40	34	72	8	....	66	5	1	....	....	8	.91
Northumberland and Durham	Cobourg	10,990	38,000	100	100	130	7	....	137	....	....	....	....	....	.78
Ontario	Whitby	15,787	44,390	136	125	144	10	....	105	26	3	8	1	11	1.11
Oxford	Woodstock	7,737	21,665	70	70	69	1	....	51	15	1	1	1	1	.96
Peel and Halton	Brampton	12,958	43,700	128	123	134	11	4	92	29	6	6	8	8	.69
Perth	Stratford	6,555	25,449	70	69	75	10	....	73	7	2	1	....	2	.71
Peterborough	Lakefield	1,248	5,766	45	40	18	....	....	16	2	....	....	....	....	.82
Prescott and Russell	L'Orignal	6,575	18,142	62	54	4	58	....	57	2	1	....	2	....	1.07
Prince Edward	Picton	7,300	19,393	64	60	61	4	....	63	....	2	....	....	....	.52
Simcoe	Beeton	9,930	31,518	116	92	105	9	1	74	18	19	3	....	1	.78
Stormont, Dundas and Glengarry	Cornwall	7,609	31,320	109	84	62	21	30	106	3	1	....	3	....	1.11
Victoria	Lindsay	11,897	26,193	100	92	76	10	....	79	5	....	1	....	1	.70
Waterloo	Kitchener	15,706	58,659	188	184	145	31	8	143	14	3	4	4	16	1.16
Welland	Welland	9,235	23,113	70	70	61	18	7	35	5	2	3	3	38	1.11
Wellington	Fergus	11,239	26,074	65	76	79	7	....	71	10	1	1	3	....	.64
Wentworth	Dundas	9,728	20,064	70	65	61	5	....	28	27	1	7	....	3	.90
York	Newmarket	8,714	29,450	100	100	93	5	....	75	16	1	4	....	2	.86
Totals	....	299,109	818,354	2,669	2,436	2,422	330	112	2,263	302	65	55	37	142	.86

RECEIPTS—City and District Refuges, Homes for the Aged—Jan. 1st to Dec. 31st, 1945

Name	Location	Cash on Hand, Dec. 31, 1944	Cash Sales Farm, Garden, Stock, etc.	Donations, Bequests Loans, etc.	Interest, Investments, Sundries	Maintenance, Board of Management	Municipalities	Pensioners, Blind or O.A.P.	Paying Residents	Provincial Government	All Others	Net Loss	Total
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
I. O. O. F. Home	Barrie				19,078.96	18,784.70		5,872.44		598.15			44,334.25
Home of the Aged	Belleville	1,475.01	11.72	415.50	385.00		1,500.00	2,912.00		194.80			6,894.03
St. Joseph's Villa	Blind River	733.15		280.00		2,473.11	698.00	6,276.92	1,362.01	2,414.00		530.21	14,767.40
The Widows' Home	Brantford	1,817.38		1,705.06	2,678.90			1,649.92	2,257.25	355.10	1,118.58		11,582.19
Home of the Friendless	Chatham						5,700.00	4,214.40	300.50	467.30	18,35		10,700.55
St. Paul's Home	Cornwall			1,385.67	1,013.60			12,065.54	9,426.20	1,569.70			25,460.71
House of Providence	Dundas	1,292.24	3,008.87	270.00	91.91	4,000.00	1,800.00	15,050.03	13,700.25	2,306.20	11,602.55	7,035.00	60,157.05
The Elliott Home	Guelph				845.61					820.80	11,296.94	1,086.31	14,049.66
House of Providence	Guelph		2,397.57	1,670.00			1,290.15	6,068.83	1,589.20	371.80		2,524.30	15,911.85
Aged Women's Home	Hamilton			105.70	5,505.32		3,595.80			1,856.55	4,724.33	2,485.19	18,272.89
Home for the Aged and Infirm	Hamilton						50,355.59	26,325.42	9,828.96	2,718.30			89,228.27
House of Providence	Kingston	13,326.51	1,792.12	1,540.49	455.00	9,000.00	10,537.02	20,665.05	22,108.18	4,310.30	5,092.08		88,826.75
House of Refuge	Kingston		27.25	30.00	3,449.93	3,092.57		6,341.96	949.73	495.70	561.68		14,948.82
House of Providence	London			1,117.36		10,000.00	3,357.60	18,064.49	14,557.31	3,450.50	314.69		50,871.95
The McCormick Home	London			497.45	3,916.80		4,031.04	17,557.56	12,896.68	1,525.80			40,425.33
Bronson Memorial Home	Ottawa			763.00	1,762.21		185.00		6,358.87	164.60	132.36	265.69	9,631.73
Maycourt Convalescent Home	Ottawa						54.60		3,983.71	320.30	6,057.51		10,416.12
Good Shepherd Refuge	Ottawa	430.08	2,211.65	1,782.73	736.41	81,908.64		1,092.00	4,435.76	4,311.80	2,126.48		99,035.55
Protestant Home for Aged	Ottawa	2,089.96		677.31	409.03		1,389.40	4,522.45	828.54	475.80	4,871.00		15,253.49
St. Charles' Home	Ottawa			17,873.75	140.12	588.77	19,465.31	46,425.18	29,641.22	4,354.70	602.75		119,091.80
St. Patrick's Home	Ottawa		751.22	671.55			7,356.31	14,610.91	9,294.99	3,053.85	3.95		35,752.78
The Anson House	Peterborough				2,020.85		500.00	5,141.12	3,709.38	524.50	484.60	551.71	12,932.16
House of Providence	Peterborough			248.79	58.27	6,500.00	2,932.67	13,532.53	5,136.02	1,277.60			29,685.88
St. Joseph's Manor	Port Arthur			2,619.69			5,624.84	12,138.77	3,902.69	3,871.50		3,240.44	31,397.84
Braeside Home	Preston	109.06		25.00				2,955.30	7,366.33	535.00	2.50		10,994.19
Mount Carmel Residence	St. Catharines	633.09		3,098.95				3,645.81	15,792.87		331.31		23,502.03
Thomas Williams Home	St. Thomas	1,191.36	7.00	1,036.50	2,793.56			3,536.77	1,658.46	383.80	152.88		10,760.33
Good Shepherd Refuge	Sudbury	1,701.89	165.00	2,969.92		11,040.70	1,472.00			714.45			18,063.96
Aged Men's Home (Tweedsmuir)	Toronto	113.14		217.66	3,400.00		292.00	10,776.00	11,945.40	815.74	148.13		27,708.07
Aged Women's Home (Belmont)	Toronto	446.36		35.50			815.20	22,260.00	23,292.69	1,690.25	320.00		48,860.00
Aged Women's Home (Ewart)	Toronto	170.82				187.23	2,920.00	3,660.00	19,928.86	1,864.14	247.42		28,978.47
Church Home for Aged	Toronto	100.00		142.29	1,764.45		264.00	6,605.05	11,488.95	836.50	3,213.25	399.80	24,814.29
Good Shepherd Refuge	Toronto	4,805.79		1,944.89	25.31	44,170.45	3,645.00		507.91	4,213.30		2,534.57	61,847.22
House of Providence	Toronto		12,462.78	499.00	493.19	3,736.68	35,540.13	80,125.62	38,216.57	9,957.00		23,594.68	204,625.65
House of Industry	Toronto	1,517.51	570.00		3,939.00		19,324.40	8,471.60	2,989.81	3,427.90	6.08	851.86	41,098.16
Jewish Old Folks' Home	Toronto		130.11	18,460.84	1,013.36		1,860.50	16,198.96	8,464.55	1,850.90	15,398.00	661.13	64,038.35
Julia Greenshields Home	Toronto	3,077.64		4,174.91	1,904.63			2,120.33	6,425.07	572.90	298.83		18,574.31
St. Mary's Rest Home	Toronto	1,227.76	25.00				919.76	3,951.40	5,288.67	585.60	3,808.44		15,806.63
Salvation Army Eventide Home	Toronto			105.00		2,625.04			11,250.06	7,647.25			21,627.35
Salvation Army Receiving Home	Toronto			57.79		749.15	1,950.00		2,827.58	667.90		2,370.15	8,622.57
Salvation Army Sunset Lodge	Toronto			1,497.80		485.10		9,600.00	5,315.55	621.40		2,698.75	20,218.60
Good Shepherd Refuge	Windsor	1,820.91			254.19	1,010.55	32,124.27			1,140.10		8,581.67	44,931.69
The Homestead	Windsor	2,581.46		4.25	540.38		2,400.00	2,727.65	198.00	413.20			8,864.94
Totals		40,661.12	23,560.29	67,924.26	58,675.99	200,352.69	223,900.59	417,162.01	329,224.78	79,767.98	72,934.69	59,411.46	1,573,575.86
Algoma District Refuge	Sault Ste. Marie	12,891.55					19,490.18	6,972.00	806.60	2,451.60	74.09		42,686.02
Nipissing District Refuge	North Bay		151.10		32.50	5,348.33	1,807.16	9,451.63	1,667.50	2,671.00	57.07	213.55	21,399.84
Parry Sound District Refuge	Powassan	6,540.14					7,258.98	4,158.72		1,696.10	1,179.69		20,833.63
Totals		19,431.69	151.10		32.50	5,348.33	28,556.32	20,582.35	2,474.10	6,818.70	1,310.85	213.55	84,919.49

DISBURSEMENTS—City and District Refuges, Homes for the Aged, Jan. 1st to Dec. 31st, 1945

NAME	LOCATION	BUILDING AND REPAIRS	CLOTHING SHOES, ETC.	FARM, GARDEN, FEED, STOCK, SUPPLIES EQUIPMENT	FOOD AND PROVISIONS	FUEL AND HEATING	FUNERAL EXPENSES RESIDENTS	HOUSE FURNISHINGS BEDDING LAUNDRY ETC.	INSURANCE PREPAID OR UNEXPIRED	INVESTMENTS AND DONATIONS	LIGHT AND POWER	MANAGEMENT EXPENSES	MORTGAGES OR INTEREST
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
I. O. O. F. Home	Barrie	182.46			17,451.51	1,880.50	1,770.00	2,326.77	220.48		318.40	973.30	
Home of the Aged	Belleville	721.86	13.90	13.86	1,318.12	455.20		159.65			80.61		
St. Joseph's Villa	Blind River	284.98	78.89		5,009.89	634.40		687.69	98.85		115.02		
The Widows' Home	Brantford	215.56			998.76	429.72		261.23	3.15	4,000.00	160.83		
The Home of the Friendless	Chatham	161.93	168.94	159.10	2,845.85	396.19	4.00	356.68	180.57		135.40		
St. Paul's Home	Cornwall	244.45	40.83		8,805.48	522.05	63.00	996.96	102.81		120.00		
House of Providence	Dundas	7,478.40	698.56	1,074.03	15,921.36	2,954.22		2,956.11	134.18		716.39	315.16	
The Elliott Home	Guelph	1,147.85		77.40	4,477.15	438.88		666.29	158.68		403.30		
House of Providence	Guelph	21.09	167.10	1,098.16	5,429.98	845.79		471.02	144.21		126.20		
Aged Women's Home	Hamilton	1,619.72	22.75	28.16	4,792.49	1,832.25	232.50	636.95	438.45		478.51		
Home for Aged and Infirm	Hamilton	10,884.89	1,089.00	104.84	16,661.14	6,796.39		4,074.39	499.03		836.78		2,266.06
House of Providence	Kingston	6,832.54	1,644.41		26,978.66	5,774.38	621.25	5,197.17	451.32		1,006.76	593.65	
House of Refuge	Kingston	724.07	388.38	476.36	5,261.86	1,161.84		411.86	159.96		231.53	610.40	
House of Providence	London	1,783.79	453.92	653.94	21,127.37	2,848.56		2,310.98			822.10	182.85	
The McCormick Home	London	510.05	60.39	68.90	9,105.62	2,018.33		474.56	566.57		652.59		
Bronson Memorial Home	Ottawa	355.27	300.50		3,269.38	1,226.89		351.12	131.55		106.54		
Maycourt Convalescent Home	Ottawa	2,127.37			2,149.70	628.59		763.30	216.40		259.30		
Good Shepherd Refuge	Ottawa	6,930.56	3,223.48	135.39	16,553.26	6,488.41	25.00	4,418.63	347.19		2,170.27	276.01	8,835.88
Protestant Home of Aged	Ottawa	551.63		88.60	1,505.01	833.94	25.00	73.40	148.50	5,800.00	112.97	358.00	
St. Charles' Home	Ottawa	3,066.26	2,634.17		34,978.70	7,408.75		3,307.41	750.78		1,532.02	72.52	8,626.53
St. Patrick's Home	Ottawa	2,719.51	867.38	1,660.29	9,110.47	5,083.09		1,407.70	393.10		917.68		
The Anson House	Peterborough	179.19		165.18	3,829.56	1,105.04		487.22	223.32		456.74		
House of Providence	Peterborough	434.28	61.74	35.76	9,833.17	2,127.94	172.00	1,049.06	94.44		170.60	1,564.31	
St. Joseph's Manor	Port Arthur	2,119.75	579.00	232.30	8,615.97	1,332.40		1,676.05	93.84		172.80		1.15
Braeside Home	Preston	1,055.27			3,824.29	768.40		457.59	99.35		254.61	95.04	
Mount Carmel Home	St. Catharines	2,147.02	434.93	16.86	6,460.56	966.91		1,673.50	672.48	150.00	489.28		5,727.00
Thomas Williams Home	St. Thomas	1,180.49	154.90	20.75	2,258.40	446.30	253.75	380.91	92.45		274.51	39.00	
Good Shepherd Refuge	Sudbury	161.45	213.00	760.49	2,171.07	951.69		2,136.61	407.35		279.22		7,558.25
Aged Men's Home (Tweedsmuir)	Toronto	3,086.39			8,379.89	853.97		2,417.56	267.43		337.60		
Aged Women's Home (Belmont)	Toronto	4,563.06	8.77		15,677.45	1,632.04		3,130.85	372.40		1,685.05		
Aged Women's Home (Ewart)	Toronto	3,697.95	111.42		7,525.34	1,660.17		2,288.29	328.20		825.10		
Church Home for Aged	Toronto	1,902.00	83.97		7,749.98	1,559.65		1,037.47	272.62		423.74	71.67	665.91
Good Shepherd Refuge	Toronto	5,811.44	1,605.37		16,943.24	8,650.01		1,573.78	453.46		2,161.58		
House of Providence	Toronto	12,792.92	2,910.63	8,836.15	76,168.19	18,555.32	52.83	11,574.15	440.15		1,622.54	16.00	
House of Industry	Toronto	1,383.84			9,535.65	1,885.00		847.76	256.32	15,500.00	505.15		
Jewish Old Folks' Home	Toronto	3,936.76	206.16		18,048.75	3,949.18		6,771.46	76.75			3,040.60	190.32
Julia Greenshields Home	Toronto	765.13			4,113.27	743.01		1,183.25		1,501.83	178.63		
St. Mary's Rest Home	Toronto	777.23			4,617.39	840.21		669.76	256.00		442.43		1,753.33
Salvation Army Eventide Home	Toronto	2,155.38	6.95		4,811.62			4,305.52	62.30		1,266.05		
Salvation Army Receiving Home	Toronto	1,544.40	32.29		2,326.21	565.60		722.47	15.00		123.35		
Salvation Army Sunset Lodge	Toronto	3,300.00	82.04	14.70	4,907.74	1,444.27		1,358.02			472.99		
Good Shepherd Refuge	Windsor	4,500.38	1,604.28	3,188.46	4,721.73	2,311.65		2,635.00	594.00	6,500.00	741.39	601.68	
The Homestead	Windsor	153.83	219.67		2,565.85	549.10		810.84	142.24		153.04	47.50	
TOTALS		106,212.40	20,167.72	18,909.68	438,837.08	103,556.23	3,219.33	81,496.99	10,365.88	33,451.83	24,339.60	8,857.69	35,624.43
Algoma District Refuge	Sault Ste. Marie	1,440.18	282.57	1,703.23	7,767.74	2,493.07		2,357.06	221.36		594.62		
Nipissing District Refuge	North Bay	2,472.66	304.98	495.68	6,886.93	1,303.15	150.00	1,177.33	309.40		424.23	452.50	4.21
Parry Sound District Refuge	Powassan	735.50	491.91	150.76	3,580.03	474.63		231.17	185.00		368.35	355.35	15.49
TOTALS		4,648.34	1,079.46	2,349.67	18,234.70	4,270.85	150.00	3,765.56	715.76		1,387.20	807.85	19.70

DISBURSEMENTS—City and District Refuges, Homes for the Aged, Jan. 1st to Dec. 31st, 1945—(Continued)

Name	Location	Medical Doctor's Salary	Medicines Hospitalization Drugs, Dentists, Supplies	Stationery, Office Supplies	Pension Refunds	Salaries Superintendent and (or) Matron	Taxes	Telephone, Telegraph, Freight, Etc.	Wages, All Employees	Water and Ice	All Others	Depreciation, Building Equipment, Etc.	Cash on Hand Dec. 31, 1945	Total
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
I. O. O. F. Home	Barrie		815.40	181.66		2,539.92			9,676.50	343.74	265.00	619.37	4,769.24	44,334.25
Hom: of the Aged	Belleville		143.58	1.60	340.72	600.00	43.32	47.86	497.25	34.03	39.39		2,383.08	6,894.03
St. Joseph's Villa	Blind River		141.08	94.94	415.10	2,100.00	98.76	96.85	2,434.78	62.80	345.49	1,334.73	733.15	14,767.40
The Widows' Home	Brantford		126.40	22.81	315.92	780.00	86.74	44.90	1,075.50		594.46		2,466.21	11,582.19
The Home of the Friendless	Chatham	300.00	140.59	44.14	441.00	1,145.80			3,755.08	465.28				10,700.55
St. Paul's Home	Cornwall		306.95	47.98		900.00	17.50	51.60	4,469.04		5,822.68	1,224.80	1,724.58	25,460.71
House of Providence	Dundas	225.00	519.37	206.19	1,355.08	1,500.00		287.81	9,769.83	385.73	5,746.51	7,035.00	378.12	60,157.05
The Elliott Home	Guelph		4.83	46.51		972.00		76.96	3,736.50	33.09	90.22	1,720.00		14,049.66
House of Providence	Guelph		132.64	225.32	737.35	900.00	88.67		4,539.13			985.19		15,911.85
Aged Women's Home	Hamilton		74.96	49.24		2,220.00		90.65	3,859.08	224.30	196.38	1,476.50		18,272.89
Home for Aged and Infirm	Hamilton	597.28	521.59	154.42	3,710.38	2,571.12		299.27	35,841.35	1,285.92	1,034.42			89,228.27
House of Providence	Kingston		2,604.24	1,777'18	576.64	9,000.00	336.54	441.40	7,686.78	138.66	901.44		16,263.73	88,826.75
House of Refuge	Kingston	156.00	170.43	27.08	468.92	1,221.76	74.74	52.67	1,101.60	111.22	286.02	1,852.12		14,948.82
House of Providence	London		993.74	190.89		1,500.00		173.19	16,283.48	436.12	396.37		714.65	50,871.95
The McCormick Home	London	300.00	49.65	94.81		1,500.00	140.98	99.46	12,390.37	425.19	211.32	5,096.51	6,660.03	40,425.33
Bronson Memorial Home	Ottawa		37.30	·109.19		1,200.00	161.10	81.00	1,340.80	313.09		648.00		9,631.73
Maycourt Convalescent Home	Ottawa		63.35	37.73		1,200.00		174.24	2,712.50	58.64	25.00			10,416.12
Good Shepherd Refuge	Ottawa		1,853.44	269.28		1,323.00	334.00	335.31	12,440.26	2,238.01			30,838.17	99,035.55
Protestant Home for Aged	Ottawa		3.31	93.92	450.80	1,620.00	171.06	85.05	709.04	52.66	266.22		2,314.38	15,263.49
St. Charles' Home	Ottawa	300.00	1,128.50	145.46		2,000.00		271.56	30,512.97	2,120.78	443.85	12,992.82	6,798.72	119,091.80
St. Patrick's Home	Ottawa		174.14	77.68	1,605.00	1,000.00	708.48	116.39	4,371.18		531.84	3,329.54	1.679.31	35,752.78
The Anson House	Peterborough		46.36	40.95		1,740.00		96.60	3,157.25	·127.82	576.93	700.00		12,932.16
House of Providence	Peterborough		497.16	135.40	1,720.08	1,040.00	68.99	99.06	7,118.55	150.33		3,300.00	13.01	29,685.88
St. Joseph's Manor	Port Arthur		174.06	85.78	2,147.92	2,400.00	51.24	·219.47	8,925.30	178.40	636.06	1,756.35		31,397.84
Braeside Home	Preston		15.44	36.21		600.00	242.51	87.80	3,269.70	96.52			91.46	10,994.19
Mount Carmel Home	St. Cath'ines		396.13	154.48	147.00		623.70	125.48	1,260.00	98.68	1,072.39		885.63	23,502.03
Thomas Williams Home	St. Thomas		381.26	27.86		1,199.88	3.46	55.15	1,726.00	41.69	187.72		2,035.85	10,760.33
Good Shepherd Refuge	Sudbury	37.55	96.10	72.52	93.05			127.49	2,117.95		302.95		577.22	18,063.96
Aged Men's H'e (Tweedsmuir)	Toronto		110.42	36.49		1,200.00		164.09	10,456.65	205.43	118.13		74.02	27,708.07
Aged Women's Ho'e (Belmont)	Toronto		160.21	60.83		1,365.00		170.83	19,412.40	337.48	144.06		139.57	48,860.00
Aged Women's Home (Ewart)	Toronto	100.00	103.07	63.47		1,200.00		138.18	9,308.52	138.49	1,329.01		161.26	28,978.47
Church Home for Aged	Toronto		75.53	89.08		600.00		205.45	9,512.99	149.93	314.30		100.00	24,814.29
Good Shepherd Refuge	Toronto	1,261.60	806.90	9.92				478.10	7,155.00	1,719.64	2,978.50	7,818.50	2,420.18	61,847.22
House of Providence	Toronto	150.00	3,137.39	375.36	13,226.70			388.46	37,646.62	2,207.60	749.49	13,775.15		204,625.65
House of Industry	Toronto	480.00	108.12	388.75		2,500.00		125.12	6,375.13	566.47	640.85			41,098.16
Jewish Old Folks' Home	Toronto	510.00	1,579.25	2,311.36		3,120.00		263.37	19,929.06		105.33			64,038.35
Julia Greenshields Home	Toronto		.42	181.31		1,500.00	217.60	221.92	4,804.06	127.03	378.12		2,658.73	18,574.31
St. Mary's Rest Home	Toronto							138.62	3,959.14	122.88	552.79		1,676.85	15,806.63
Salvation Army EventideHome	Toronto	52.14		33.18		1,350.00		175.32	6,854.18	121.29	132.13	301.29		21,627.35
Salvation Army Receiv'g Home	Toronto	18.41		41.97				121.14	2,968.48	74.60	68.65			8,622.57
Salvation Army Sunset Lodge	Toronto		53.23	26.22		750.00		265.61	6,140.80	143.33	37.89	1,221.76		20.218.60
Good Shepherd Refuge	Windsor		447.80	97.73			725.84	155.10	8,007.26	289.29		3,965.60	3,844.50	44,931.69
The Homestead	Windsor		94.40	29.33		600.00		59.40	866.75	117.52	48.05		2,407.42	8,864.94
Totals		4,487.98	18,288.74	8,196.23	27,751.66	58,958.48	4,195.23	6,707.93	350,174.81	16,243.68	27,569.96	71,153.23	94,809.07	1,573,575.86
Algoma District Refuge	S. Ste. Marie	720.00	537.11	63.39	934.00	1,500.00		50.91	6,145.67		623.86		15,251.25	42,686.02
Nipissing District Refuge	North Bay	360.00	632.95	71.21	734.40	1,585.00	20.62	114.77	1,375.43	210.71	777.08	1,536.60		21,399.84
Parry Sound District Refuge	Powassan	300.00	948.59	101.89	192.30	1,500.00		57.70	1,772.95				9,372.01	20,833.63
Totals		1,380.00	2,118.65	236.49	1,860.70	4,585.00	20.62	223.38	9,294.05	210.71	1,400.94	1,536.60	24'623.26	84,919.49

STATISTICS—City and District Refuges, Homes for the Aged, Jan. 1st to Dec. 31st, 1945—(Continued)

NAME	LOCATION	NO. RESIDENTS, JAN. 1, 1945	NO. ADMISSIONS	TOTAL ADMISSIONS INCLUDING JAN. 1	NO. DISCHARGED, 1945	NO. DEATHS	NO. RESIDENTS, DEC. 31 1945	AVERAGE NO. RESIDENTS 1945	NUMBER RESIDENTS, 1945			NO. PAYING RESIDENTS	NO. PAID BY MUNICIPALITIES	NO. FREE RESIDENTS	NO. PENSIONERS	RESIDENTS, DAYS' STAY, NON-PENSIONERS
									MALE	FEMALE	TOTAL					
I. O. O. F. Home	Barrie	40	6	46	....	3	43	42	35	11	46	......	......	22	24	7,669
Home of the Aged	Belleville	15	1	16	2	3	11	13	10	6	16	......	......	6	10	1,577
St. Joseph's Villa	Blind River	35	33	68	25	1	42	34	44	24	68	25	3	2	38	5,791
The Widows' Home	Brantford	14	1	15	1	1	13	14	......	15	15	6	......	4	5	3,379
The Home of the Friendless	Chatham	24	7	31	7	......	24	25	20	11	31	3	......	13	15	4,773
St. Paul's Home	Cornwall	82	46	128	20	22	86	84	71	57	128	28	......	43	57	15,697
House of Providence	Dundas	110	34	144	22	11	111	111	63	81	144	55	......	27	62	22,689
The Elliott Home	Guelph	24	8	32	6	1	25	23	6	26	32	31	......	......	1	8,207
House of Providence	Guelph	35	13	48	13	....	35	29	29	19	48	8	9	2	29	3,600
Aged Women's Home	Hamilton	50	5	55	....	4	51	50	......	55	55	55	......	......	......	18,001
Home for Aged and Infirm	Hamilton	150	63	213	17	12	184	162	136	77	213	41	.....	72	100	27,456
House of Providence	Kingston	182	111	293	79	29	185	203	144	149	293	97	79	18	99	35,669
House of Refuge	Kingston	37	33	70	30	1	39	36	38	32	70	9	11	8	42	4,963
House of Providence	London	173	46	219	37	15	167	161	81	138	219	67	.....	64	88	32,652
The McCormick Home	London	98	38	136	33	3	100	101	36	100	136	44	14	.....	78	15,268
Bronson Memorial Home	Ottawa	25	9	34	8	1	25	24	......	34	34	12	.....	3	19	4,079
Maycourt Convalescent Home	Ottawa	9	149	158	153	......	5	9	.....	158	158	143	.....	15	......	3,201
Good Shepherd Refuge	Ottawa	152	97	249	110	1	138	141	......	249	249	65	4	176	4	50,278
Protestant Home for Aged	Ottawa	28	9	37	11	..	26	26	37	...	37	7	...	14	16	5,442
St. Charles' Home	Ottawa	306	101	407	63	56	288	297	183	224	407	75	96	11	225	44,554
St. Patrick's Home	Ottawa	105	54	159	37	14	108	159	77	82	159	31	7	37	84	17,627
The Anson House	Peterborough	34	21	55	21	..	34	32	19	36	55	25	5	.....	25	4,832
Houe of Providence	Peterborough	75	9	84	5	7	72	74	42	42	84	21	...	17	46	12,504
St. Joseph's Manor	Port Arthur	86	54	140	46	4	90	86	106	34	140	18	26	29	67	16,098
Braeside Home	Preston	22	5	27	2	2	23	22	8	19	27	19	...	....	8	5,320
Mount Carmel Home	St. Catharines	44	22	66	12	7	47	48	7	59	66	53	6	1	6	13,284
Thomas Williams Home	St. Thomas	23	10	33	8	4	21	33	18	15	33	14	......	5	14	3,630
Good Shepherd Refuge	Sudbury	21	20	41	25	...	16	41	......	41	41	8	8	25	.....	6,759
Aged Men's Home (Tweedsmuir)	Toronto	58	15	73	10	4	59	59	73	.....	73	30	......	1	42	8,415
Aged Women's Home (Belmont)	Toronto	120	17	137	4	14	119	119	......	137	137	54	....	2	81	17,112
Aged Women's Home (Ewart)	Toronto	63	3	66	2	2	62	63	......	66	66	40	1	13	12	18,934
Church Home for Aged	Toronto	45	13	58	13	1	44	44	......	58	58	31	1	......	26	8,365
Good Shepherd Refuge	Toronto	142	81	223	127	3	93	119	.....	223	223	......	18	205	...	43,535
House of Providence	Toronto	564	820	1,384	751	40	593	570	931	453	1,384	170	294	309	611	98,927
House of Industry	Toronto	158	61	219	35	21	163	158	129	90	219	26	...	97	96	34,365
Jewish Old Folks' Home	Toronto	100	32	132	4	31	97	99	53	79	132	16	10	42	64	18,118
Julia Greenshields Home	Toronto	30	4	34	1	3	30	29	......	34	34	17	....	......	17	5,519
St. Mary's Rest Home	Toronto	39	45	84	37	1	46	44	1	83	84	55	5	3	21	6,510
Salvation Army Eventide Home	Toronto	52	40	92	34	2	56	56	92	......	92	27	1	...	64	4,306
Salvation Army Receiving Home	Toronto	21	278	299	282	..	17	18	7	292	299	78	31	188	2	6,067
Salvation Army Sunset Lodge	Toronto	45	16	61	7	6	48	45	......	61	61	19	......	....	42	5,571
Good Shepherd Refuge	Windsor	33	21	54	16	......	38	35	......	54	54	...	.....	54	......	12,925
The Homestead	Windsor	19	14	33	13	......	20	20	24	9	33	4	.....	18	11	2,141
TOTALS		3,488	2,465	5,953	2,129	330	3,494	3,558	2,520	3,433	5,953	1,527	629	1,546	2,251	685,719
Algoma District Refuge	Sault Ste. Marie	82	29	111	17	12	82	78	91	20	111	.....	2	36	73	21,937
Nipissing District Refuge	North Bay	55	17	72	22	5	45	52	52	20	72	6	4	34	28	10,226
Parry Sound District Refuge	Powassan	38	11	49	7	....	42	40	40	9	49	1	.....	30	18	9,780
TOTALS		175	57	232	46	17	169	168	183	49	232	7	6	100	119	41,943

STATISTICS—City and District Refuges, Homes for the Aged, Jan. 1st to Dec. 31st, 1945—(Continued)

Name	Location	Residents' Days' Stay, Pensioners	Total Days' Stay	No. Beds in Dormitory	No. Beds Made Up	No. Protestants	No. Catholics	Other Religions or Not Known	Canadian	English	Irish	Scotch	United States	All Others	Aver. Cost per Diem per Resident
															$ c.
I. O. O. F. Home	Barrie	7,725	15,394	60	45	46	......	......	29	9	2	5	1	......	2,89
Home of the Aged	Belleville	3,154	4,731	18	11	13	3	......	16	......	......	......	......	......	1.44
St. Joseph's Villa	Blind River	6,640	12,431	48	48	10	54	4	49	5	2	......	2	10	1.19
The Widows' Home	Brantford	1,733	5,112	......	......	15	......	......	13	2	......	......	......	......	2.26
The Home of the Friendless	Chatham	4,509	9,282	36	36	23	6	2	23	3	......	1	......	4	1.17
St. Paul's Home	Cornwall	14,899	30,596	100	96	11	117	......	59	8	26	34	......	1	.83
House of Providence	Dundas	17,736	40,425	170	145	9	135	......	138	3	......	......	......	3	1.30
The Elliott Home	Guelph	365	8,572	26	26	32	......	......	26	3	......	2	1	......	1.40
House of Providence	Guelph	6,952	10,552	42	37	14	34	......	40	3	1	1	2	1	1.50
Aged Women's Home	Hamilton	......	18,001	51	51	55	......	......	38	12	1	3	......	1	1.00
Home for Aged and Infirm	Hamilton	31,772	59,238	220	220	178	35	......	109	52	10	15	3	24	1.51
House of Providence	Kingston	24,009	59,578	220	200	51	242	......	253	18	15	3	2	2	1.20
House of Refuge	Kingston	8,135	13,098	49	49	61	9	......	40	14	5	11	......	......	1.13
House of Providence	London	26,175	58,827	200	200	5	214	......	206	3	3	1	2	4	.87
The McCormick Home	London	21,361	36,629	103	103	136	......	......	90	36	2	4	3	1	1.10
Bronson Memorial Home	Ottawa	4,615	8,694	28	25	34	......	......	24	6	3	1	......	......	1.10
Maycourt Convalescent Home	Ottawa	......	3,201	18	18	104	50	4	150	2	......	1	2	3	3.16
Good Shepherd Refuge	Ottawa	1,280	51,558	200	62	5	244	......	247	1	......	......	......	1	1.33
Protestant Home for Aged	Ottawa	4,146	9,588	40	40	37	......	......	18	9	6	4	......	......	1.36
St. Charles' Home	Ottawa	63,768	108,322	......	328	6	401	......	393	2	1	......	6	5	.92
St. Patrick's Home	Ottawa	19,475	37,102	113	108	3	156	......	130	9	17	1	1	1	.96
The Anson House	Peterborough	6,786	11,618	42	42	55	......	......	44	9	1	1	......	......	1.11
House of Providence	Peterborough	14,270	26,774	77	77	2	82	......	82	2	......	......	......	......	.98
St. Joseph's Manor	Port Arthur	15,283	31,381	94	92	68	72	......	65	10	3	4	3	55	1.00
Braeside Home	Preston	2,697	8,017	23	23	27	......	......	25	1	......	1	......	......	1.36
Mount Carmel Home	St. Catharines	4,169	17,453	......	47	10	56	......	52	5	2	1	2	4	1.34
Thomas William Home	St. Thomas	4,270	7,900	26	21	33	......	......	22	10	......	1	......	......	1.34
Good Shepherd Refuge	Sudbury	......	6,759	36	29	......	41	......	41	......	......	......	......	......	2.60
Aged Men's Home (Tweedsmuir)	Toronto	13,024	21,439	59	59	73	......	......	38	24	4	5	1	1	1.30
Aged Women's Home (Belmont)	Toronto	26,392	43,504	119	119	137	......	......	86	32	6	8	3	2	1.12
Aged Women's Home (Ewart)	Toronto	3,821	22,755	63	62	66	......	......	45	12	3	4	2	......	1.26
Church Home for Aged	Toronto	7,864	16,229	44	44	58	......	......	28	25	3	2	......	......	1.55
Good Shepherd Refuge	Toronto	......	43,535	160	100	1	222	......	223	......	......	......	......	......	1.42
House of Providence	Toronto	109,145	208,072	639	639	434	943	7	881	196	118	61	25	103	.98
House of Industry	Toronto	23,257	57,622	......	......	199	20	......	93	88	12	13	1	12	.71
Jewish Old Folks' Home	Toronto	17,979	36,097	103	97	......	......	132	......	......	......	......	......	132	1.77
Julia Greenshields Home	Toronto	5,026	10,545	30	30	34	......	......	29	4	1	......	......	......	1.50
St. Mary's Rest Home	Toronto	9,442	15,952	47	47	63	10	11	66	7	3	3	2	3	.99
Salvation Army Eventide Home	Toronto	16,247	20,553	60	60	90	2	......	30	41	4	14	2	1	1.06
Salvation Army Receiving Home	Toronto	377	6,444	21	21	260	30	9	222	33	9	16	2	17	1.31
Salvation Army Sunset Lodge	Toronto	10,865	16,436	48	48	59	2	......	29	24	3	3	1	1	1.23
Good Shepherd Refuge	Windsor	......	12,925	40	40	3	51	......	52	......	2	......	......	......	2.85
The Homestead	Windsor	1,595	3,736	28	25	23	10	......	28	1	1	1	......	2	.88
Totals		560.958	1,246.677	3.501	3,570	2.543	3,241	169	4,272	724	269	225	69	394	1.38
Algoma District Refuge	Sault Ste. Marie	6,665	28,602	82	82	66	25	20	62	7	3	10	1	28	.96
Nipissing District Refuge	North Bay	8,696	18,922	58	52	44	21	7	57	5	2	1	2	5	1.12
Parry Sound District Refuge	Powassan	4,154	13,934	42	42	42	7	......	41	2	......	......	......	6	.83
Totals		19,515	61,458	182	176	152	53	27	160	14	5	11	3	39	.97

SOLDIERS AID COMMISSION OF ONTARIO

No. 1. ACCOUNT (OPERATING)

Statement of Receipts and Expenditures

April 1st, 1945 to March 31st, 1946

RECEIPTS

March 31st, 1946		
Provincial Treasurer re Grants	$ 12,826,33	
Provincial Treasurer re Salaries	14,211.06	$ 27,037.39
LESS: Refund to Provincial Treasurer		50.55
		$ 26,986.84

EXPENDITURES

Office Salaries	$ 12,527.04		
Office Bonus	1,684.02	$14,211.06	
Car Tickets		80.00	
Postage		200.00	
Stationery		345.14	
Telegraph and Telephone		35.66	
Travelling Expenses		2,148.43	
Miscellaneous		32.06	
Transfer of Funds to No. 2 A/c.		9,934.49	$ 26,986.84

ACCOUNTS No. 2, No. 8 ACCOUNT (HAMMOND ESTATE), CHILDRENS (WARDS' TRUST ACCOUNT, AND ESTATES OF HALES, CROFT SCOTT AND McNAB

April 1st, 1945 to March 31st, 1946

STATEMENT OF RECEIPTS

April 1st, 1945			
Balance brought forward from 1944-1945 Statement:			
Investments		$220,348.81	
Cash in Bank		2,664.36	
			$ 223,013.17
LESS:			
Sale of 3 Bonds (Hammond Estate)		2,956.32	
Reduction of Assessment (Croft Estate)		50.00	$ 3,006.23
			$ 220,006.85

RECEIPTS

1945-1946			
No. 2 Account (Emergency Assistance):			
Transfer of Funds from No. 1 Account		$ 9,934.49	
Other Sources		666.97	
		$ 10,601.46	
No. 3 Account (Hales Estate		$ 45.00	
Croft Estate		100.14	
Scott Estate		481.24	
McNab Estate		56.49	
No. 8 Account (Hammond Estate):			
National Trust	$ 484.48		
Bond Interest	9,626.05		
Sale of Bonds	2,956.32	$13,066.85	
Wards' Trust Account:			
Bond Interest	$ 385.00		
Bank Interest	12.06	$ 397.06	$ 24,748.24
			$ 244,755.09

Statement of Expenditures

April 1st, 1945 to March 31st, 1946

March 31st, 1946

No. 2 Account (Emergency Assistance):		
Gratuities	$ 9,934.49	
Other Sources	548.86	$10,483.35
No. 3 Account (Hales Estate)—Grants		....
Croft Estate	$ 85.49	
Scott Estate	240.00	
McNabb Estate	63.00	
No. 8 Account (Hammond Estate)	13,588.50	
Wards' Trust Account	....	$ 24,460.34

ASSETS

Croft Estate—Investments	$ 2,800.00	
Scott Estate—Investments	2,700.00	
Hamond Estate—Investments	193,101.54	
Ward's Trust Account—Investments	7,000.00	
Balance at Bank	14,693.21	$220,294.75
		$244,755.09

BARRIE PROPERTY

STATEMENT OF RECEIPTS AND EXPENDITURES

April 1st, 1945 to March 31st, 1946

RECEIPTS

April 1st, 1945

ASSETS:			
Bonds (Face Value)			$ 4,600.00
Balance at Bank:			
Current Account		$ 119.02	
Savings Account	$ 720.04		
Less Hydro Deposits	50.00	670.04	789.06
Barrie Property:			
Land		$ 8,073.02	
Buildings		4,283.80	
Equipment		6.99	$ 12,363.81
			$ 17,752.87

March 31st, 1946

Receipts:		
Rents	$ 1,495.00	
Bank Interest	4.89	
Bond Interest	154.50	$ 1,654.36
		$ 19,407.92

EXPENDITURES

March 31st, 1946

Miscellaneous Expenses (Repair to Buildings)	$ 756.66	
Taxes	27.17	$ 783.83
Depreciation re Buildings	$ 353.25	
re Implements	6.99	$ 360.24
		$ 1,144.07
Assets:		
Land	$ 8,073.02	
Buildings (after depreciation)	3,930.55	$ 12,003.57
Bonds (Face Value)		$ 5,500.00
Balance at Bank	$ 819.62	
Less Hydro Deposits	60.00	$759.62
		$ 19,407.26

Financial Assistance Granted

April 1, 1945, to March 1, 1946

MONTH	NO. 2 ACCOUNT	HALES, SCOTT, MCNAB ESTATES	HAMMOND ESTATE NO. 8 ACCOUNT	CANTEEN FUND AND OTHER SOURCES	TOTAL
1945	$ c.	$ c.	$ c.	$ c.	$ c.
April	413.44	90.00	1,369.50	35.00	1,907.94
May	854.35		1,186.00		2,040.35
June	566.30	10.00	931.00	10.00	1,517.30
July	765.54		1,184.00	77.21	2,026.75
August	632.50	175.00	745.00	12.41	1,564.91
September	655.43		737.00	2.90	1,395.33
October	869.23		1,300.00	204.99	2,374.22
November	1,200.65	28.00	1,099.00	55.85	2,383.50
December	1,178.56		2,155.00		3,333.56
1946					
January	1,235.52		1,072.00		2,307.52
February	903.40		790.00	130.50	1,823.90
March	1,056.57		1,020.00	20.00	2,096.57
TOTALS	10,331.49	303.00	13,588.50	548.86	24,771.85

ANALYSIS OF ASSISTANCE RENDERED FROM No. 2 ACCOUNT, KATHLEEN HAMMOND, HALES, SCOTT AND McNAB ESTATES; ALSO FROM OTHER SOURCES, APRIL 1, 1945 TO MARCH 31, 1946.

Hospital, Medical and Surgical Supplies	29
Fuel, (Emergency)	2
Men's, Women's and Children's Clothing	9
Special Diet and Emergency Grocery Orders	92
Transportation	12
Glasses	124
Dentures	50
Special Grants, (Material, Supplies, Stock-in-Trade)	1,303
Artificial Limbs, Hearing Aids, Wheel Chairs	16

SOLDIERS' AID COMMISSION - SERVICE

Statistical Report

April 1, 1945 to March 31, 1946

MONTH	A No. 2 Acc't	B Hales, Scott McNab Estates	C No. 8 Acc't	D Canteen Fund	E Employment, Pension and Service	F Misc.	Total
1945							
April	64	6	44	18	41	189	362
May	67	....	47	19	52	160	345
June	60	....	35	18	31	172	316
July	76	1	41	18	38	132	306
August	69	....	29	19	46	147	310
September	73	2	28	28	42	179	352
October	109	....	47	39	40	148	383
November	138	....	37	39	42	185	441
December	149	3	77	33	34	189	485
1946							
January	161	....	37	46	41	201	486
February	119	....	31	32	29	181	392
March	99	....	37	33	30	205	404
TOTALS	1,184	12	490	342	466	2,088	4,582

NOTE

A. Emergency assistance granted.

B. Emergency assistance from Trust Funds.

C. Kathleen Hammond Bequest Trust Fund, emergency assistance to pensioned widows of veterans.

D. Administration of special grants from Canteen Fund and cases submitted to that Fund for consideration.

E. Information, advice and assistance in respect to claims for treatment and pensions also employment by veterans.

F. General advice given on matters relating to Public and Private Welfare facilities for veterans or their dependents.

Number of Office Interviews	3,029
Number of Letters Received	3,983
Number of Letters Mailed	4,213

TWENTIETH REPORT

OF THE

LIQUOR CONTROL BOARD

OF

ONTARIO

From April 1st, 1945 to March 31st, 1946

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 20, 1947

ONTARIO

TORONTO
Printed and Published by
Baptist Johnston, Printer to the King's Most Excellent Majesty
1947

TORONTO, APRIL 3, 1947.

TO THE HONOURABLE RAY LAWSON,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Twentieth Report of the Liquor Control Board of Ontario for the year ending 31st March, 1946.

Respectfully submitted,
GEORGE A. DREW,
Prime Minister and President of the Council.

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Liquor Control Board
of Ontario

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454 University Avenue,
TORONTO 2, Ontario,
December 31st, 1946.

TO THE HONOURABLE GEORGE A. DREW, K.C.,
The Prime Minister of Ontario,
Parliament Buildings, Queen's Park, Toronto 5, Ontario.

Sir,—

Although my appointment as Chief Commissioner of The Liquor Control Board of Ontario dated only from May 6th, 1946, I have the honour to submit herewith the Twentieth Report of the Board for the twelve months' fiscal period which ended the 31st of March, 1946.

FINANCIAL STATEMENT

The Balance Sheet, certified to by Messrs. Robertson, Robinson, McCannell & Dick, Chartered Accountants, shows the amount of fixed assets to be $102,177.00. This amount represents the value of the Board's real estate consisting of the land and buildings situated at 154 Wellington Street West, Toronto; 210 Victoria Avenue, Fort William; and 28 Silver Street, Cobalt, occupied as warehouses and stores, and the value of all furniture, equipment and alterations in the various premises of the Board, less depreciation, which, since the commencement of operations in June, 1927, has been provided to an extent of $1,122,521.87.

Other assets totalled $13,937,171.50 being comprised of the following items:

Cash on hand and in transit from branch banks	$10,486,184.07
Accounts Receivable—hospital charge sales, beer levies, duty recoverable items, freight claims, fines, etc.	565,068.92
Inventories of liquors and supplies	2,826,960.07
Prepaid items	58,958.44

Liabilities amounted to $1,138,264.32 as follows:

Accounts Payable—for liquors and supplies, accrued charges etc.	1,113,471.99
Due Provincial Treasurer—Confiscated Stock	24,792.33

The item of $24,792.33 represents a balance due for forfeited liquor which was purchased by the Board after careful examination and in accordance with the provision of Section 132(2) of The Act.

Contingent liabilities amounted to $8,519,684.77. These items comprise the value of undelivered orders and also the amount of Customs and Excise Duties which will have to be paid on the goods which were in bond on our premises March 31st, when the same are cleared. These items are not chargeable against, nor do they affect the operations of the Board for the period under review.

The Profit and Loss Account shows sales for the twelve months from Liquor Control Board stores of $64,116,310.49.

The same account shows a gross trading profit of $24,767,049.78 with total expenses, including depreciation and items written off, of $3,166,177.83 which produced a net trading profit of $21,600,871.95. This latter sum together with other revenue derived from permit sales, fees and taxes on brewers and wine manufacturers and their products, as well as from authority holders and from fines which amounted to $8,923,559.18, resulted in a total net income of $30,524,431.13. The expenses incurred by The Liquor Authority Control Board amounted to $151,415.07. This item is chargeable against the profits of The Liquor Control Board as provided by Section 10 of The Liquor Authority Control Act. The net income of the Board was reduced thereby to $30,373,016.06 which is carried to the Surplus Account.

For the purpose of comparison, the percentage that the cost of stock sold, miscellaneous earnings and expenses and other revenue bear to the sales are given for the fiscal year 1944-45 and the twelve months' period herewith reported upon.

The Surplus Account shows a balance at the commencement of the period of $6,522,695.74, this being the amount carried forward from the previous year's operations which had not been transferred to The Provincial Treasurer. After the addition of $5,372.38 which represented sundry adjustments and the twelve months' net income of $30,373,016.06, a total amount is shown of $36,901,084.18. From this sum, $24,000,000.00 was remitted to The Provincial Treasurer.

Besides the Balance Sheet, Profit and Loss Account and the Surplus Account, a statement showing the expenses of Administration and Operation for the twelve months is also attached. Individual percentages which these bear to the total sales are given for the twelve months and also for the preceding fiscal period. On March 31st, 1946, the staff comprised 1,284 employees, 315 of these being part-time or seasonally employed, as against 856 permanent and 314 part-time employees at the previous year-end.

All Liquor Control Board stores, brewers' retail stores, breweries and wineries from which alcoholic beverages are sold in Ontario, as of March 31st, 1946, are set forth on Schedule II and a classification of permits and licenses issued appears on Schedule III.

SALES

The application of The Dominion Government's "Wartime Alcoholic Beverages Order, 1942" (in so far as it related to "spirits" and "wine") continued during the year under review until August 3rd, 1945, on which date, this Order was revoked.

The quantity of spirits and wine available was insufficient to meet the demand and sales limitations were continued in an effort to ensure maximum equality of distribution.

The sale of spirits, beer and wine from liquor stores during the twelve months amounted to $64,116,310.49. The net value of beer sold from breweries and brewers' retail stores, exclusive of any charge for containers, totalled

$66,879,189.66. Sales of Ontario wine made direct to customers from licensed Ontario wine sales offices and, where permitted, from winery premises, amounted to $4,780,567.98.

The following comparative sales statistics are given for the fiscal year under review and also for the preceding twelve months:

VALUE

	Twelve months ending March 31, 1945	Twelve months ending March 31, 1946	Increase or Decrease	Percentage
Domestic Spirits	$ 25,200,540.97	$ 43,760,478.96	$18,559,937.99	73.6 Inc.
Imported Spirits	7,876,867.50	14,711,409.40	6,834,541.90	86.7 Inc.
Domestic Wines	2,369,193.08	3,003,845.30	634,652.22	26.7 Inc.
Imported Wines	431,623.10	1,228,843.35	797,220.25	184.7 Inc.
Domestic Beers	2,333,746.05	1,327,433.87	1,006,312.18	43.1 Dec.
Imported Beers	134,483.46	84,299.61	50,183.85	37.3 Dec.
Total Sales from Liquor Stores	38,346,456.16	64,116,310.49	25,769,856.33	67.2 Inc.
B. & B.R.S. Sales - Domestic Beer (exclusive of container value)	61,034,601.10	66,879,189.66	5,844,588.56	9.6 Inc.
Wineries' Sales (Domestic Wines)	3,504,791.69	4,780,567.98	1,275,776.29	36.4 Inc.
Total	102,885,846.95	135,776,068.13	32,890,221.18	31.9 Inc.

GALLONAGE

	Twelve months ending March 31, 1945	Twelve months ending March 31, 1946	Increase or Decrease	Percentage
Domestic Spirits	1,209,400	2,076,130	866,730	71.6 Inc.
Imported Spirits	308,667	584,904	276,237	89.4 Inc.
Domestic Wines	698,507	838,075	139,568	19.9 Inc.
Imported Wines	44,782	105,462	60,680	135.5 Inc
Domestic Beers	1,366,943	780,843	586,100	42.8 Dec.
Imported Beers	29,888	20,944	8,944	29.9 Dec.
Total Sales from Liquor Stores	3,658,187	4,406,358	748,171	20.4 Inc.
B. & B. R. S. Sales (Domestic Beer)	45,785,337	50,248,243	4,462,906	9.7 Inc.
Wineries' Sales (Domestic Wines)	880,883	1,195,109	314,226	35.6 Inc.
Total	50,324,407	55,849,710	5,525,303	10.9 Inc.

As shown in this report, the Board paid to The Provincial Treasurer the sum of $24,000,000.00 on account of Profits, License Fees, etc. The Board also paid, in accordance with the law, to the various municipalities, 20% of the fees received from hotel authorities, such amount totalling $394,952.98 which was distributed to 319 municipalities.

Additional to the above substantial payments made by the Board, the Dominion Government received during the course of the year in Customs and Excise Duties and Sales and Excise Taxes on spirits, wines and imported beers purchased by the Board, $23,889,114.82. There also was paid to the Dominion Government for Malt Duties and Taxes on domestic beers and wines sold in Ontario approximately $23,000,000.00, making a total of about $47,000,000.00

Therefore, the grand total of revenue payments received by the respective Dominion, Provincial and Municipal Governments was in excess of $71,000,000.00 as a result of levies on alcoholic beverages sold in Ontario during the year. This amount was exclusive of Dominion and Provincial corporation and municipal realty taxes paid by the respective manufacturers and authority holders.

STORES

The number of liquor stores in operation on March 31st, 1946, was one hundred and thirty-two, two stores having been opened during the year at the following locations:

June 1, 1945	Store No. 132	Bridge St., Carleton Place.
December 14, 1945	Store No. 133	Petrolia St., Petrolia.

BREWERIES AND BREWERS' RETAIL STORES

On March 31st, 1946, there were twenty-one Ontario and four Quebec breweries licensed to sell their products in Ontario, the number being unchanged from our previous year-end.

During the year under review, three breweries changed their corporate names, as follows:

Cosgrave's White Label Brewery Limited—to—
O'Keefe's Brewery (West Toronto) Limited, on April 1, 1945.
Cosgrave's White Label Brewery (East Toronto) Limited—to—
O'Keefe's Brewery (East Toronto) Limited, on April 1, 1945.
Walkerville Brewery Limited—to—
Carlings Breweries (Walkerville) Limited, on July 2, 1945.

The gallonage of domestic beer sold in Ontario during the years 1942 to 1946 inclusive, as computed from the sales records of the Board and with respect to sales to destinations outside of Ontario, from the monthly reports of the Ontario brewers was as follows:

	1942 (12 months) Gallons	1943 (12 months) Gallons	1944 (12 months) Gallons	1945 (12 months) Gallons	1946 (12 months) Gallons
Sale from Liquor Stores' Stock	839,827	933,142	678,044	1,366,886	780,808
Beer orders taken at Liquor Stores for delivery by breweries and brewers' retail stores	6,739	5,636	267	57	35
Sales from breweries and brewers' retail stores	37,640,744	40,650,522	37,807,947	45,785,337	50,248,243
Total Ontario sale of Domestic Beer	38,487,310	41,589,300	38,486,258	47,152,280	51,029,086
Sales to other Provinces	2,923,485	3,269,717	3,460,560	3,874,106	4,251,807
Export Sales	1,394,525	1,280,491	2,071,002	1,704,639	1,401,483
Total	4,318,010	4,550,208	5,531,562	5,578,745	5,653,290

The number of brewers' retail stores in operation at the year-end totalled one hundred and twenty-eight, three stores having opened during the period at:

126W	Bridge and William Streets,	Carleton Place	June 18, 1945
127W	Petrolia Street,	Petrolia,	January 18, 1946
128W	Main Street,	Hawkesbury	February 1, 1946

One brewers' retail store was moved to a new location, i.e.—

11W Hamilton—from 145 St. John St. N., to 150 Barton St. E., as of March 1st, 1946.

From June 1st to September 15th, 1945, a brewers' retail store was operated at Jackson's Point.

As mentioned in previous reports, the policy of The Liquor Control Board has been to have periodical analyses made by the Chief Provincial Analyst of all brands of beer produced by Ontario brewers as well as the products of the Quebec breweries which are licensed to sell in the Province. The analyses of last year indicated that all the samples examined conformed to the requirements of the Regulations passed pursuant to The Food and Drugs Act of Canada.

WINERIES

295 analyses of the products of all Ontario licensed wineries were carried out during the year for the Board by the Provincial Department of Health in order to ensure that they conformed to the Board's regulations with respect to Ontario wine. In addition nine wineries availed themselves of the facilities of The Provincial Board of Health Laboratories and procured thirty-three cultures of yeast for wine-making.

A price of $65.00 per ton payable by wine manufacturers to the grape-growers for grapes delivered for wine-making was negotiated by the Board and proved acceptable to both parties for the 1945 crop.

On March 31st, 1946, there were twenty-one wineries operating in Ontario. Sales were conducted direct from the premises of six wineries and from forty-three branch retail sales offices, there being no change since the previous year-end.

The following statistics of gallons of Ontario wine sold have been compiled from the monthly reports submitted to the Board by the respective wineries:

	1942 (12 months) Gallons	1943 (12 months) Gallons	1944 (12 months) Gallons	1945 (12 months) Gallons	1946 (12 months) Gallons
Sale at Wineries	1,054,881	1,040,949	864,060	880,883	1,195,109
Sales to the Board	834,519	856,741	614,675	681,371	817,770
Total Ontario Sales	1,889,400	1,897,690	1,478,735	1,562,254	2,012,879
Sales to other Provinces	1,537,579	1,806,083	1,542,432	1,554,265	1,850,650
Export Sales	4,766	5,315	61,602	49,769	58,581
Total	3,431,745	3,709,088	3,082,769	3,166,288	3,922,110

The tonnage of grapes and cherries used by the various wineries during the past four years was as follows:

	12 mos. ended March 31st, 1943	12 mos. ended March 31st, 1944	12 mos. ended March 31st, 1945	12 mos. ended March 31st, 1946
Grapes used in the manufacture of wine	13,414 tons	9,780 tons	12,436 tons	12,573 tons
Grapes used in the manufacture of concentrates	3,786 tons	2,268 tons	2,703 tons	2,634 tons
Grapes used in the manufacture of brandy	5,693 tons	491 tons	930 tons	——
Cherries used in the manufacture of wine	10 tons	9 tons	8 tons	4 tons
Total	22,903 tons	12,548 tons	16,077 tons	15,211 tons

Last year 258,488 gallons of Ontario wine were distilled into grape spirit for wine fortification while during the year under review, 372,504 gallons were used for such purpose.

HOME-MADE WINE PERMITS

Since the regulations became effective on January 1st, 1940, which required that any person manufacturing more than 100 gallons of Home-Made wines must obtain a permit from the Board, 1,459 Home-Made Wine Permits had been issued up to March 31st, 1945.

During the fiscal year herein reviewed, a further 27 Home-Made Wine Permits have been issued, thus bringing the total to 1,486.

Since January 1st, 1940, 36 Home-Made Wine Permits have been cancelled for failure on the part of the permittee to comply with these Regulations or other Provisions of The Liquor Control Act. In addition one Home-Made Wine Permit was recalled due to the fact that the period of its validity had expired.

PERMITS

Upon the expiration of the Individual Resident Permits on March 31st, 1945, it was decided, as a paper conservation measure, to extend the valid date of same to March 31st, 1946. This was done by use of an extension sticker upon payment of the regular annual permit fee of $1.00. The number so extended totalled 1,464,503. In addition 96,392 leaflet permits were issued, making a total issue of 1,560,895 Individual Annual Liquor Permits for the year ending March 31st, 1946. Individual Permits sold to non-residents valid for a period not exceeding one month numbered 151,495. In addition 5,709 Special Permits were issued to Physicians, Druggists, Hospitals, etc.

In accordance with the requirements of the Act, the Board deemed it advisable during the year to issue 4,702 Prohibitory Orders. Such action followed either notification relative to conviction for violation of the Act, or the receipt of a request or recommendation from some interested party, such as a relative, friend, magistrate, police officer, physician, relief officer, etc. These Prohibitory Orders comprised 1,790 full Board Orders which precluded the individual concerned from purchasing alcoholic beverages from any source, of which, 20 resulted from Judges' Orders of Interdiction and 645 were the result of convictions having been registered under The Criminal Code of Canada for intoxication while in charge of a motor vehicle.

Of the remaining 2,912 Orders which varied in degree of restriction, 1,157 followed the conviction of the individual for violations of The Liquor Control Act and the premises of 543 of these were declared a "Public Place" within the meaning of the Act. The other Orders were issued as being in the best interest of all concerned according to the judgment of the Board.

During the year, after full investigation and consideration, it was decided to fully revoke 593 and partially revoke 106 of the Prohibitory Orders which had been made effective at some prior date.

1,590 Special Permits were issued to Druggists, seven of which were suspended during the year. These Special permits allowed the druggist to purchase liquor in limited quantities for compounding medicines or for use as a solvent or preservative. It also accorded him the privilege of buying rubbing alcohol for resale. The premises of all holders of Druggists' Special Permits were subject to periodical inspections and, in addition, druggists were required to maintain an accurate record of each purchase and sale of rubbing alcohol.

Efforts were continued to prevent the use of rubbing alcohol as a beverage and during the year, the names of 111 addicts were posted with all druggists in the large communities of the Province.

L.C.A. INFRACTIONS

Classification of the offences against The Liquor Control Act according to the Monthly Certificates received from Ontario magistrates from April 1st, 1945, to March 31st, 1946, resulted in the following statistics being recorded:

	No. of Fines	No. of Gaol Commitments	No. of Suspended Sentences and Remands	Total Convictions
Sec. 43 (1) L.C.A. Having liquor in an illegal place	3,685	283	26	3,994
Sec. 87 (1) L.C.A. Selling Liquor illegally or keeping for sale	10	110		120
Sec. 96 (1) L.C.A. Consuming Liquor in other than residence	554	24	2	580
Sec. 96 (2) L.C.A. Intoxication	10,824	6,017	5,006	21,847
Sec. 106 (3) L.C.A. Illegal Possession	569	116		685
All other L.C.A. infractions	3,585	1,280	39	4,904
	19,227	7,830	5,073	32,130

GENERAL

I would like to express my appreciation of the loyalty and co-operation extended to me by the entire staff of the Board.

I have the honour to be, Sir,

Your obedient servant,

W. GRIESINGER,

Chief Commissioner.

BALANCE SHEET

As at March 31st, 1946

ASSETS

Land, Buildings, Furniture, Equipment, Fixtures and Alterations to Rented Premises, less amounts written off		$ 102,177.00
Cash on Hand, in Transit and in Banks	$10,486,184.07	
Accounts Receivable	565,068.92	
Inventories of Liquor and Supplies in Warehouses and Stores (Valued at Cost)	2,826,960.07	
		13,878,213.06
Prepaid Charges		58,958.44
		$14,039,348.50

LIABILITIES

Accounts Payable, Accrued Charges, Deferred Revenue, etc.		$ 1,113,471.99
Due Provincial Treasurer for Confiscated Liquor Stock		24,792.33
Surplus:		
Balance carried from Surplus Account	$36,901,084.18	
Less: Paid to Provincial Treasurer during the year ended March 31st, 1946	24,000,000.00	
Balance March 31st, 1946		12,901,084.18
Contingent Liabilities:		
Duty on Stocks in Bond $1,019,944.99		
Liquors ordered but not delivered (including duty, freight, etc.) 7,499,739.78		
		$14,039,348.50

AUDITORS' CERTIFICATE

We hereby certify that, in our opinion, the above Balance Sheet exhibits a true and correct view of the affairs of the Liquor Control Board of Ontario as at March 31st, 1946, and that the records and accounts of the same date conform thereto.

ROBERTSON, ROBINSON, McCANNELL & DICK,

Toronto, May 31st, 1946.

Chartered Accountants.

PROFIT AND LOSS ACCOUNT

For the Year Ended March 31st, 1946

				Percentage to Sales 1945-1946	Percentage to Sales 1944-1945
Sales by Vendors:					
Store Counter and Mail Order Sales of Wines, Spirits and Beer	$64,116,264.99				
Beer Orders taken at Stores for delivery by Breweries and Brewers' Retail Stores	45.50	$64,116,310.49		100.00%	100.00%
Stock on Hand, March 31st, 1945	3,581,394.02				
Purchases	38,588,942.20				
	42,170,336.22				
Less: Stock on Hand, March 31st, 1946	2,776,011.54				
Cost of Sales by Vendors		39,394,324.68		61.44%	63.12%
Gross Profit on Sales			$24,721,985.81	38.56%	36.88%
Miscellaneous Earnings			45,063.97	.07%	.10%
			24,767,049.78	38.63%	36.98%
Expenses:					
Administration and Operating Expenses, Head Office, Warehouses and Stores		3,121,738.41			
Items written off		14,977.27			
Depreciation on Furniture, Equipment, Fixtures and Alterations to Rented premises written off and reserved for		29,462.15	3,166,177.83	4.94%	7.89%
			21,600,871.95	33.69%	29.09%
Other Revenue:					
Brewers' Retail Store Fees		118,483.30			
Brewers' License Fees		99,500.00			
Malt Tax		3,696,145.72			
Gallonage Tax		1,048,245.94			
Authority Holders' Fees (Net after deducting Municipalities' Share)		1,758,736.76			
Miscellaneous Licenses		40.00			
Fines (Net)		53,015.97			
Ontario Wine Tax and Licenses		421,876.99			
Permit Sales		1,727,514.50	8,923,559.18	13.92%	20.52%
			30,524,431.13	47.61%	49.61%
Less: Liquor Authority Control Board Expenses (Section 10, The Liquor Authority Control Act, 1944)			151,415.07	.24%	.14%
Net Income for Year carried to Surplus Account			$30,373,016.06	47.37%	49.47%

SURPLUS ACCOUNT

For the Year Ended March 31st, 1946

Balance at March 31st, 1945	$ 6,522,695.74
Add: Sundry Adjustments	5,372.38
	6,528,068.12
Add: Net Income for the year ended March 31st, 1946	30,373,016.06
Balance carried to Balance Sheet	$36,901,084.18

ADMINISTRATION AND OPERATING EXPENSES
HEAD OFFICE, WAREHOUSE AND STORES

For the year ended March 31st, 1946
and
Number of Employees on the Staff at March 31st, 1946

		Percentage to Total Sales	
		1945—1946	1944—1945
Salaries	$2,104,786.30	3.28%	5.08%
Legal and Audit	14,499.96	.02%	.05%
Rents paid, less received	192,670.00	.30%	.50%
Travelling	25,792.77	.04%	.13%
Superannuation	45,445.10	.07%	.11%
Insurance	20,210.86	.03%	.05%
Postage	18,776.93	.03%	.05%
Stationery	45,743.68	.07%	.08%
Telephone and Telegraph	15,512.59	.02%	.04%
Protection Service	5,353.64	.01%	.01%
Breakage	6,040.37	.01%	.01%
Rationing Expense	41,066.85	.06%	.31%
Light, Heat and Power	35,963.52	.05%	.09%
Repairs and Maintenance	70,799.71	.11%	.09%
Sundries	23,234.39	.03%	.05%
Freight and Cartage	202,006.03	.32%	.35%
Terminal Warehouse Charges	99,384.60	.16%	.28%
Taxes—Business	22,836.36	.04%	.06%
Discounts to Hospitals, etc.	3,789.08	.01%	.01%
Truck Maintenance	32,701.91	.05%	.05%
Packing Materials	45,489.40	.07%	.09%
Permit Expense	49,634.36	.08%	.37%
	$3,121,738.41	4.86%	7.87%

NUMBER OF EMPLOYEES ON THE STAFF

(Including Three Hundred and Fifteen temporary employees whose services are either part-time or seasonal)

Commissioner's Staff		2
Personnel Department		3
Comptroller's Staff		12
Legal Department		1
Accounting Department		56
Beer and Wine Department		32
Permit Department		31
Purchasing and Supply Department		4
Traffic Department		3
Customs Department		3
Stock Supervision Department		14
Brewery Inspection Department		32
Winery Inspection Department		4
Wine Permits and Licenses		5
Store Inspection Department		24
Head Office Maintenance Staff		4
Garage		8
		238
Stores	942	
Warehouses	104	
		1,046
		1,284

SCHEDULE II

LIQUOR STORES, LICENSED BREWERS' RETAIL STORES, BREWERIES AND WINERIES IN ONTARIO AT 31st MARCH, 1946

LIQUOR STORES

Store No.		
1	Church & Lombard Streets	Toronto
2	122 Wellington Street West	Toronto
3	1271 Dundas Street West	Toronto
4	170 Danforth Avenue	Toronto
5	1881 Queen Street East	Toronto
6	1271 Queen Street West	Toronto
7	2223 Dundas Street West	Toronto
8	928 St. Clair Avenue West	Toronto
9	959 Bloor Street West	Toronto
10	1121 Yonge Street	Toronto
11	949 Gerrard Street East	Toronto
12	402 Parliament Street	Toronto
13	1448 Danforth Avenue	Toronto
14	454 Spadina Avenue	Toronto
15	292 Dupont Street	Toronto
16	106 Richmond Street West	Toronto
18	Midland Avenue and Kingston Road	Scarboro Bluffs
19	Rogers Road and Blackthorn Avenue	Toronto
20	802 Lake Shore Road	New Toronto
21	29 Charles Street	Hamilton
22	673 King Street East	Hamilton
23	1057 Barton Street East	Hamilton
24	216 King Street	Port Colborne
25	81 King Street West	Dundas
26	419 Talbot Street	London
27	629 Dundas Street	London
28	12 Canal Street	Dunnville
29	Berford Street	Wiarton
30	82 Durham Street	Walkerton
31	47 Hurontario Street	Collingwood
32	94 Wyandotte Street East	Windsor
33	241 Drouillard Road	Windsor
34	1284-86 Ottawa Street	Windsor
35	3236 Sandwich Street West	Windsor
36	272 Queen Street	Ottawa
37	685 Bank Street	Ottawa
38	188 Rideau Street	Ottawa
39	King Street East	Cobourg
40	42-46 Princess Street	Kingston
41	209 Victoria Avenue	Fort William
42	101 King Street West	Brockville
43	137 King Street East	Kitchener
44	69 Dalhousie Street	Brantford
45	Brock and Water Streets	Peterborough
46	224 Front Street North	Sarnia
47	23 Ontario Street	St. Catharines
48	937 Victoria Avenue	Niagara Falls
49	66 Pitt Street	Cornwall
50	Cedar and Elgin Streets	Sudbury
51	72 Carden Street	Guelph
52	24-26 Cross Street	Welland
53	66 Cumberland Street South	Port Arthur
54	224 Main Street East	North Bay
55	32 Pembroke Street West	Pembroke
56	King Street	Prescott
57	37 Bridge Street East	Belleville
58	8½ Balsam Street North	Timmins
59	72 Collier Street	Barrie
60	88 Ontario Street	Stratford
61	210 King Street West	Chatham
62	314 Talbot Street	St. Thomas
63	343 Queen Street East	Sault Ste. Marie
64	516 Dundas Street	Woodstock

LIQUOR STORES—Continued

65	Front Street	Trenton
66	6th Avenue North	Cochrane
67	Main and Ferguson Streets	Haileybury
68	214 Main Street South	Kenora
69	Church Street and Mowat Avenue	Fort Frances
70	22 Beckwith Street	Smiths Falls
71	King and Main Streets	Gananoque
72	34 Gore Street	Perth
73	610 King Street	Preston
74	67 Robinson Street	Simcoe
75	226 Devonshire Avenue	Iroquois Falls
76	28 Silver Street	Cobalt
77	121 Main Street	Penetang
78	Wellington Street and Whitewood Avenue	New Liskeard
79	79 Walton Street	Port Hope
80	Parry Sound Road	Parry Sound
81	King and Queen Streets	Sturgeon Falls
82	79 Kent Street	Lindsay
83	31 Main Street West	Hawkesbury
84	Main Street	Picton
85	Daniel and Elgin Streets	Arnprior
86	Queen and White Streets	Dryden
87	Fourth Avenue	Sioux Lookout
88	River Street East	Paris
89	Pembroke and Mattawa Road	Mattawa
90	90 Simcoe Street North	Oshawa
91	4 Kirkland Street	Kirkland Lake
92	Third Street	Englehart
93	Gilmour Road	Fort Erie
94	Bridge Street North	Eganville
95	21 Water Street North	Galt
96	112 Main Street	Deseronto
97	Dundas Street	Napanee
98	22 Main Street	Alexandria
99	Emard Street	Embrun
100	25 Albert Street	Thorold
101	48 Main Street	Grimsby
102	Muskoka Street	Gravenhurst
103	Tudhope Street	Espanola
104	Main Street East	Thessalon
105	Concession Street and Bridge Street	Tamworth
106	Main Street	Huntsville
107	Main Street	Palmerston
108	Woodward Avenue	Blind River
109	Murray and Bathurst Streets	Amherstburg
110	46 Wallace Street	Wallaceburg
111	Bedford Street	Westport
112	37 Government Road	Kapuskasing
113	Opongo Street	Barry's Bay
114	Cor. Fourth Street and Broadway	Rainy River
115	36-38 King Street South	Waterloo
116	26 Arthur Street	Elmira
117	17 Birch Street	Chapleau
118	114 Young Street	Capreol
119	9 Main Street	Merrickville
120	West Dock	Pelee Island
121	1008 Wellington Street West	Ottawa
122	Front Street	Hearst
123	Main Street	Lancaster
124	Corner Picton and King Streets	Niagara-on-the-Lake
125	99 Laurier Street	Rockland
126	Queen Street	Tilbury
127	Main Street	Morrisburg
128	Bruce Avenue	South Porcupine
129	Main Street	Geraldton
130	Manitoba Street	Bracebridge
131	Erie Street South	Ridgetown
132	Bridge Street	Carleton Place
133	Petrolia Street	Petrolia

BREWERS' RETAIL STORES

1W	572½ Church Street	Toronto
2W	194 Queen Street East	Toronto
3W	614 Queen Street West	Toronto
4W	398 College Street	Toronto
5W	955 Bloor Street West	Toronto
6W	1257 Queen Street West	Toronto
7W	2160 Dundas Street West	Toronto
8W	1083 St. Clair Avenue West	Toronto
9W	440 Danforth Avenue	Toronto
10W	2149 Danforth Avenue	Toronto
11W	150 Barton Street East	Hamilton
12W	1080 Barton Street East	Hamilton
13W	83 Carling Street	London
14W	594 Dundas Street	London
15W	413 Hamilton Road	London
16W	1573 McDougall Street	Windsor
17W	1246 Ottawa Street	Windsor
18W	4281 Wyandotte Street East	Windsor
19W	268 Queen Street West	Ottawa
20W	Broad and Wellington Streets	Ottawa
21W	208 Wellington Street	Kingston
22W	670 Bridge Street	Niagara Falls
23W	78 Niagara Street	St. Catharines
24W	11 College Street	Kitchener
25W	217 Talbot Street	St. Thomas
26W	211 Pearl Street	Port Arthur
27W	269 Water Street	Peterborough
28W	131 Wellington Street	Brantford
29W	113 Quebec Street East	Guelph
30W	East Market and Water Streets	Brockville
31W	6 Dover Street	Chatham
32W	221 Sherman Avenue North	Hamilton
33W	155 Front Street	Belleville
34W	68-72 Pitt Street	Cornwall
35W	University and Spring Streets	Cobourg
36W	177 Main Street	Prescott
37W	22 Lorne Street	Sudbury
38W	210 Maxwell Street	Sarnia
39W	107 Oak Street West	North Bay
40W	2 King Street East	Lindsay
41W	193 Railway Street	Cochrane
42W	215 Bay Street	Sault Ste. Marie
43W	16 Victoria Street North	Smiths Falls
44W	Front Street	Trenton
45W	15 Riverbank Street	Welland
46W	36-38 Reeve Street	Woodstock
47W	32 Erie Street	Stratford
48W	Killally Street	Port Colborne
49W	1 Second Street	Timmins
50W	Pond Street	Simcoe
51W	269 Mill Street	Port Hope
52W	19 Main Street	Penetang
53W	182 Victoria Street	Pembroke
54W	553 King Street	Preston
55W	27 Cockburn Street	Perth
56W	Railway Street	Kenora
57W	624 Mowat Street	Fort Frances
58W	187 King Street	Gananoque
59W	5 Gilmour Road	Fort Erie
60W	16 Bayfield Street	Barrie
61W	330 Catherine Street	Ottawa
62W	Brunel and Main Streets	Huntsville
63W	82 Amwell Street	Haileybury
64W	First Avenue and Second Street North	Geraldton
65W	Elgin and Harriett Streets	Arnprior
66W	156 Lake Shore Road	Mimico
67W	Ross Street	Picton
68W	Murray and Bathurst Streets	Amherstburg

BREWERS' RETAIL STORES—Continued

69W	North Cayuga Street	Dunnville
70W	Main Street	Belle River
71W	Main Street	Glencoe
72W	Champagne Street	Parry Sound
73W	Main Street	Ridgetown
74W	Queen Street South	Tilbury
75W	55-57 First Avenue	Schumacher
76W	1087 Queen Street East	Toronto
77W	59 King Street West	Dundas
78W	499 James Street North	Hamilton
79W	1 Queen's Avenue	Leamington
80W	269 Dalhousie Street	Ottawa
81W	161 King Street West	Oshawa
82W	24 St. Paul Street	St. Catharines
83W	9 Market Street	Thorold
84W	4 Dunn Street	Oakville
85W	Front Street	Sioux Lookout
86W	Berford Street	Wiarton
87W	35 Prospect Avenue	Kirkland Lake
88W	Durham and Peter Streets	Walkerton
89W	39 Dickson Street	Galt
90W	Muskoka Road and Main Street	Gravenhurst
91W	Mill Street	Napanee
92W	162 Wyandotte Street East	Windsor
93W	Nelson Street	Wallaceburg
94W	1393 Gerrard Street East	Toronto
95W	Goderich and Green Streets	Port Elgin
96W	6 Marlborough Street South	East Cornwall
97W	Locke Street	Morrisburg
98W	2422 Dufferin Street	York Township
99W	1133 Yonge Street	Toronto
100W	Norman Street	Palmerston
101W	Elgin and Simcoe Streets	Collingwood
102W	591-3 Bayview Avenue	Leaside
103W	Government Road	Kapuskasing
104W	Nation Street	Casselman
105W	325 Simpson Street	Fort William
106W	13 Water Street	Burlington
107W	Broadway and London Streets	Tillsonburg
108W	149 West Frederika Street	West Fort William
109W	Durham Road	Hanover
110W	Market and Mill Streets	Georgetown
111W	Main and Thomas Streets	Bracebridge
112W	1373 Main Street East	Hamilton
113W	Main Street	Blenheim
114W	123 Brock Street North	Whitby
115W	326 Silverthorn Avenue	York Township
116W	Main Street West	Kingsville
117W	Main Street	Thedford
118W	2107 Main Street South	Niagara Falls
119W	1856 Drouillard Road	Windsor
120W	2133 Wyandotte Street West	Windsor
121W	208 Locke Street	Hamilton
122W	977 King Street East	Hamilton
123W	1199 Wellington Street	Ottawa
124W	333 Davenport Road	Toronto
125W	Gilbert and Main Streets	Delhi
126W	Bridge and William Streets	Carleton Place
127W	Petrolia Street	Petrolia
128W	Main Street	Hawkesbury

BREWERIES

Blue Top Brewing Company, Limited	Kitchener
Bradings Breweries, Limited	Ottawa
Brading's-Capital Brewery, Limited	Ottawa
British American Brewing Company, Limited	Windsor
Carlings Breweries, Limited	Waterloo

BREWERIES—Continued

Carlings Breweries (Walkerville) Limited	Walkerville
Copland Brewing Company, Limited	Toronto
Formosa Springs Brewery, Limited	Formosa
Fort Frances Brewing Company, Limited	Fort Frances
Kakabeka Falls Brewing Company, Limited	Fort William
John Labatt, Limited	London
Lake of the Woods Brewing Company, Limited	Kenora
O'Keefe's Ale Brewery, Limited	Toronto
O'Keefe's Brewing Company, Limited	Toronto
O'Keefe's Brewery (West Toronto) Limited	Toronto
O'Keefe's Brewery (East Toronto) Limited	Toronto
Perth Brewery	Stratford
Port Arthur Beverage Company, Limited	Port Arthur
Soo Falls Brewing Company, Limited	Sault Ste. Marie
Sudbury Brewing and Malting Company, Limited	Sudbury
Union Brewery, Limited	Timmins

LICENSED BREWING COMPANIES LOCATED OUTSIDE THE PROVINCE OF ONTARIO, THE PRODUCTS OF WHICH ARE SOLD THROUGH ONTARIO BREWERS' RETAIL STORES

Molson's Brewery, Limited	Montreal, Que.
National Breweries, Limited (Wm. Dow & Co.—Montreal) (Dawes Black Horse Breweries—Montreal) (Frontenac Breweries, Ltd.—Montreal)	Montreal, Que.

WINERIES	SALES OFFICE
Acme Wine Co. Ltd. 889 Queen St. W., Toronto	708 Danforth Ave., Toronto
Barnes Wines Ltd. Grantham Twp., St. Catharines	703 Yonge St., Toronto 16 Main St. E., North Bay 189 Front St., Belleville
Bordeaux Wines Ltd. R.R. No. 2, Stone Road, Niagara-on-the-Lake	771 Queen St. E., Toronto
Bright's Wines, Ltd. Dorchester Road, Niagara Falls, Stamford Township	209 Yonge St., Toronto 186 Sparks St., Ottawa 91 King St. E., Hamilton 31-33 Elm St., Sudbury 513 St. Clair Ave. W., Toronto 591 Ouellette Ave., Windsor 187 Dundas St., London 520 Bloor St. W., Toronto 261 Coxwell Ave., Toronto
Chateau Gai Wines Ltd. Stamford and Grantham Twps., Niagara Falls	878 Yonge St., Toronto 378 Talbot St., St. Thomas 306 St. Paul St., St. Catharines 940 St. Clair Ave. W., Toronto
Cooksville Wine Vaults Alex. Thomas, Prop., Dundas Highway, Cooksville	Dundas Highway, Cooksville
Danforth Wines Ltd. 1076 Lakeshore Rd., New Toronto	828 Lakeshore Road, New Toronto 26 Queen St. E., Toronto 2091 Danforth Ave., Toronto 1426 Yonge St., Toronto
Grimsby Wines Ltd. 164 Main St. W., Grimsby	427 Spadina Ave., Toronto
Hamilton, J. S. & Co. Ltd. 44-46 Dalhousie St., Brantford	44-46 Dalhousie St., Brantford

Jordan Wine Co. Ltd. St. Catharines	169 Sparks St., Ottawa 1314 Bloor St. W., Toronto
Kitchener Winery Bruno Huehnergard, Prop., R.R. No. 3, Kitchener	180 King St. W., Kitchener
London Winery Ltd. Lambeth Highway, Westminster Twp., London	123 Dundas St., London 268 Princess St., Kingston 52 Rideau St., Ottawa 1548 Bloor St. W., Toronto 174 King St. W., Chatham Carden & Wyndham, Guelph
Fred Marsh Winery Ltd. R.R. No. 3, Portage Road, Niagara Falls	73 Bank St., Ottawa 31 Second St. W., Cornwall
National Wine Co. Ltd. 27 Brock Ave., Toronto	27 Brock Ave., Toronto
Old Battlefield Wine Co. Bertrand Sanderson, Prop., R.R. No. 5, Hamilton	287 Ottawa St. N., Hamilton
The Parkdale Wines Ltd. 181-185 Bathurst St., Toronto	181 Bathurst St., Toronto 1157 St. Clair Ave. W., Toronto 42 Government Rd. W., Kirkland Lake 501 Church St., Toronto
Peerless Wine Mfgrs. Ltd. 448 Queen St. E., Toronto	448 Queen St. E., Toronto
St. Catharines Wine Co. of Canada Ltd. Woodburn Ave., St. Catharines	10-10½ Cedar St. S., Timmins 497 Parliament St., Toronto
Turner Wine Company Mrs. H. Padden Robinson, Prop., 102-106 Front St. E., Toronto	198 Queen St. W., Toronto 15 King William St., Hamilton
Twin City Wine Co. 514 McTavish St., Fort William	287 Bay St., Port Arthur
Welland Winery Louis Banko, 268 King St., Welland	272 King St., Welland

SCHEDULE III

STATEMENT SHOWING THE NUMBER OF PERMITS AND LICENSES WHICH WERE ISSUED DURING THE TWELVE MONTHS' PERIOD ENDING MARCH 31st, 1946

PERMITS

Resident—Extensions	1,464,503	
—Leaflets	96,392	
		1,560,895
Temporary		151,495
Duplicate		7,781
Hospitals		287
Physicians		987
Druggists		1,590
Dentists and Veterinarians		627
Manufacturers		159
Mechanical and Scientific		172
Duplicate Special		26
Military Mess		209
First Aid		82
Sacramental or Mass Wine		1,570

LICENSES

Brewers'	25
Brewers' Retail Stores	1,247
Ontario Wine	21
Sacramental Wine Vendorships	5
Non-Potable Alcohol Storage Warehouses	4

REPORT

OF THE

Minister of Agriculture

Province of Ontario

FOR THE YEAR ENDING MARCH 31st, 1946

Printed by Order of
THE LEGISLATIVE ASSEMBLY OF ONTARIO
(Sessional Paper No. 21)

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to
the King's Most Excellent Majesty.
1946

DEPARTMENT OF AGRICULTURE
PROVINCE OF ONTARIO

TO THE HONOURABLE ALBERT MATTHEWS, LL.D.,
Lieutenant-Governor of Ontario.

MAY IT PLEASE YOUR HONOUR:

I have the honour to submit the Report of the Department of Agriculture for the year 1945-1946.

I have the honour to be, sir,

Your obedient servant,

THOMAS L. KENNEDY,
Minister of Agriculture,

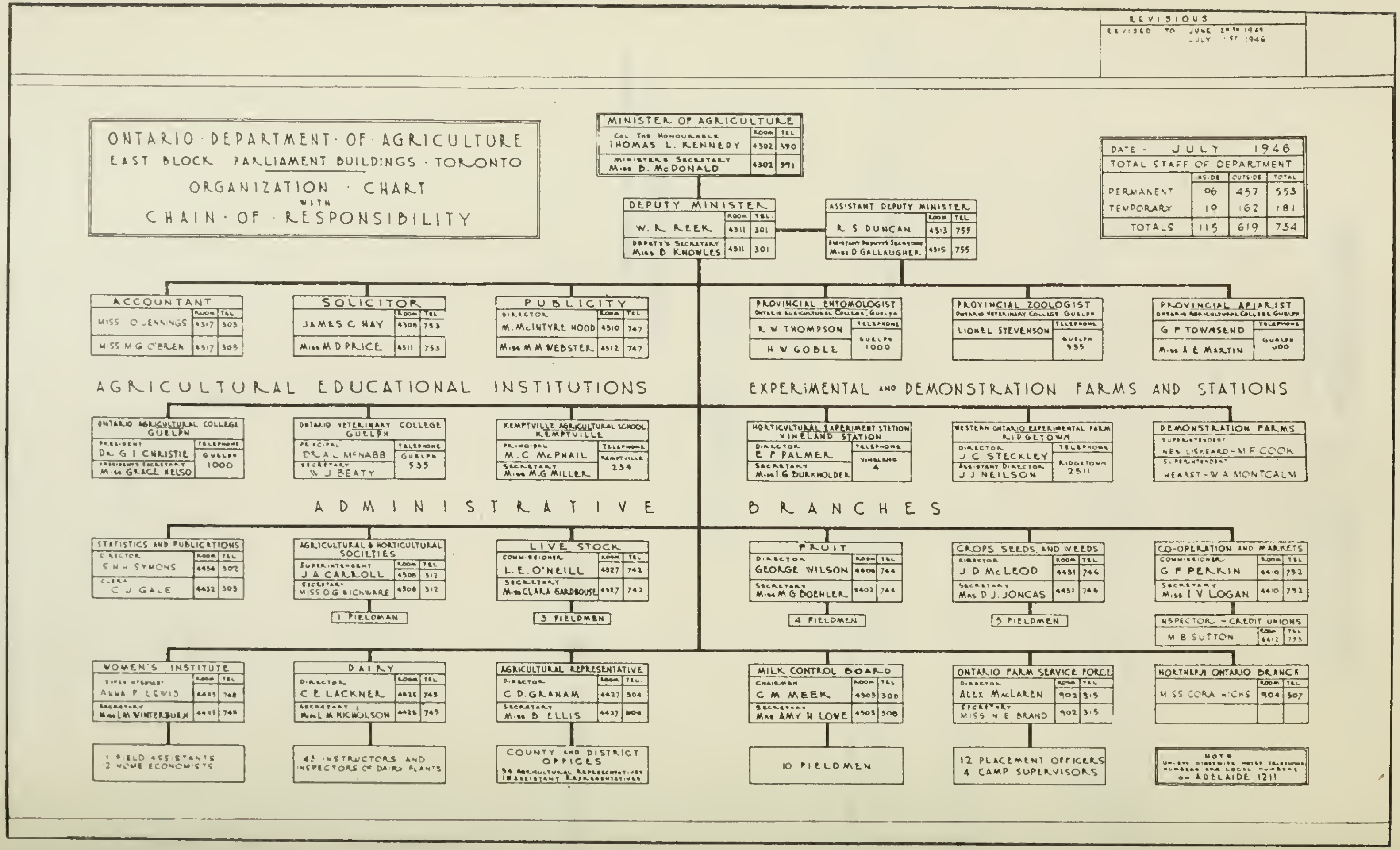
Toronto, March 31st, 1946.

ONTARIO · DEPARTMENT · OF · AGRICULTURE
EAST BLOCK PARLIAMENT BUILDINGS · TORONTO

ORGANIZATION · CHART
WITH
CHAIN · OF · RESPONSIBILITY

REVISIOUS
REVISED TO JUNE 29TH 1949
JULY 1ST 1946

DATE - JULY 1946			
TOTAL STAFF OF DEPARTMENT			
	INSIDE	OUTSIDE	TOTAL
PERMANENT	96	457	553
TEMPORARY	10	162	181
TOTALS	115	619	734


MINISTER OF AGRICULTURE
COL. THE HONOURABLE THOMAS L. KENNEDY · ROOM 4302 · TEL 390
MINISTER'S SECRETARY MISS B. McDONALD · 4302 · 391
DEPUTY MINISTER
W. R. REEK · ROOM 4311 · TEL. 301
DEPUTY'S SECRETARY MISS B KNOWLES · 4311 · 301
ASSISTANT DEPUTY MINISTER
R S DUNCAN · ROOM 4313 · TEL 755
ASSISTANT DEPUTY'S SECRETARY MISS D GALLAUGHER · 4315 · 755
ACCOUNTANT
MISS C JENNINGS · ROOM 4317 · TEL 305
MISS M G O'BRIEN · 4317 · 305
SOLICITOR
JAMES C HAY · ROOM 4308 · TEL 753
MISS M D PRICE · 4311 · 753
PUBLICITY
DIRECTOR M. McINTYRE HOOD · ROOM 4310 · TEL 747
MISS M M WEBSTER · 4312 · 747
PROVINCIAL ENTOMOLOGIST
ONTARIO AGRICULTURAL COLLEGE, GUELPH
R W THOMPSON · TELEPHONE GUELPH 1000
H W GOBLE
PROVINCIAL ZOOLOGIST
ONTARIO VETERINARY COLLEGE GUELPH
LIONEL STEVENSON · TELEPHONE GUELPH 535
PROVINCIAL APIARIST
ONTARIO AGRICULTURAL COLLEGE GUELPH
G F TOWNSEND · TELEPHONE GUELPH 1000
MISS A E MARTIN
AGRICULTURAL EDUCATIONAL INSTITUTIONS
ONTARIO AGRICULTURAL COLLEGE GUELPH
PRESIDENT DR. G I CHRISTIE · TELEPHONE GUELPH 1000
PRESIDENT'S SECRETARY MISS GRACE KELSO
ONTARIO VETERINARY COLLEGE GUELPH
PRINCIPAL DR. A L McNABB · TELEPHONE GUELPH 535
SECRETARY W J BEATY
KEMPTVILLE AGRICULTURAL SCHOOL KEMPTVILLE
PRINCIPAL M. C McPHAIL · TELEPHONE KEMPTVILLE 234
SECRETARY MISS M.G MILLER
EXPERIMENTAL AND DEMONSTRATION FARMS AND STATIONS
HORTICULTURAL EXPERIMENT STATION VINELAND STATION
DIRECTOR E F PALMER · TELEPHONE VINELAND 4
SECRETARY MISS I.G BURKHOLDER
WESTERN ONTARIO EXPERIMENTAL FARM RIDGETOWN
DIRECTOR J C STECKLEY · TELEPHONE RIDGETOWN 2511
ASSISTANT DIRECTOR J J NEILSON
DEMONSTRATION FARMS
SUPERINTENDENT NEW LISKEARD - M F COOK
SUPERINTENDENT HEARST - W A MONTCALM
ADMINISTRATIVE BRANCHES
STATISTICS AND PUBLICATIONS
DIRECTOR S H H SYMONS · ROOM 4434 · TEL 302
CLERK C J GALE · 4432 · 303
AGRICULTURAL & HORTICULTURAL SOCIETIES
SUPERINTENDENT J A CARROLL · ROOM 4308 · TEL 312
SECRETARY MISS O G RICHWARE · 4308 · 312
1 FIELDMAN
LIVE STOCK
COMMISSIONER L. E. O'NEILL · ROOM 4327 · TEL 742
SECRETARY MISS CLARA GARDHOUSE · 4327 · 742
3 FIELDMEN
FRUIT
DIRECTOR GEORGE WILSON · ROOM 4406 · TEL 744
SECRETARY MISS M G BOEHLER · 4402 · 744
4 FIELDMEN
CROPS SEEDS AND WEEDS
DIRECTOR J D McLEOD · ROOM 4431 · TEL 746
SECRETARY MRS D J. JONCAS · 4431 · 746
5 FIELDMEN
CO-OPERATION AND MARKETS
COMMISSIONER G F PERKIN · ROOM 4410 · TEL 752
SECRETARY MISS I V LOGAN · 4410 · 752
INSPECTOR - CREDIT UNIONS
M B SUTTON · ROOM 4412 · TEL 795
WOMEN'S INSTITUTE
SUPERINTENDENT ANNA P LEWIS · ROOM 4405 · TEL 748
SECRETARY MRS L M WINTERBURN · 4405 · 748
1 FIELD ASSISTANTS
12 HOME ECONOMISTS
DAIRY
DIRECTOR C R LACKNER · ROOM 4426 · TEL 743
SECRETARY MRS L M NICHOLSON · 4426 · 743
43 INSTRUCTORS AND INSPECTORS OF DAIRY PLANTS
AGRICULTURAL REPRESENTATIVE
DIRECTOR C D. GRAHAM · ROOM 4427 · TEL. 304
SECRETARY MISS B ELLIS · 4427 · 304
COUNTY AND DISTRICT OFFICES
54 AGRICULTURAL REPRESENTATIVES
18 ASSISTANT REPRESENTATIVES
MILK CONTROL BOARD
CHAIRMAN C M MEEK · ROOM 4503 · TEL 300
SECRETARY MRS AMY H LOVE · 4503 · 300
10 FIELDMEN
ONTARIO FARM SERVICE FORCE
DIRECTOR ALEX MacLAREN · ROOM 902 · TEL 315
SECRETARY MISS N E BRAND · 902 · 315
12 PLACEMENT OFFICERS
4 CAMP SUPERVISORS
NORTHERN ONTARIO BRANCH
MISS CORA HICKS · ROOM 904 · TEL 507

NOTE
UNLESS OTHERWISE NOTED TELEPHONE NUMBERS ARE LOCAL NUMBERS ON ADELAIDE 1211

ONTARIO AGRICULTURAL COLLEGE

The preparation for renewed College use, at a time when labour and materials were both scarce, of the buildings and grounds which had been occupied by the R.C.A.F., and the necessary expansion of accommodation, equipment and staff to meet the needs of a student body more than double that of the previous year have made this a year of difficult problems. These difficulties were unexpectedly increased in October by the sudden illness of the President of the College which has continued to the end of the year. Dr. Christie's foresight, his vigorous leadership and his remarkable grasp of detail would have been particularly valuable at this time. In this emergency, the Deputy Minister of Agriculture, Mr. W. R. Reek, became Acting President of the College.

On the whole the problems of the present year have been met. Accommodations and staff have been increased. The new Bacteriology building has been equipped and placed in service. The addition to the Soils building is nearing completion, and plans are under way for extensive additions to the Chemistry and Biology buildings. Additional dormitory space is being provided in the upper stories of Mills Hall and the Horticulture building. A new and independent Soils Department has been set up, and plans for a separate Department of Agricultural Engineering have been made. Options in Agricultural Economics and Agricultural Engineering have been planned to take effect in the Fall of 1946. A Turkey Research station has been set up. It has been a year of satisfying accomplishments as well as of difficult problems.

COURSES AND ATTENDANCE

The total attendance for the year was 1390, enrolment in the regular courses in Agriculture being 666. The Freshman class consisted of 280 students, of whom 164 were veterans of the armed services. Seventy-one of the Freshman class were enrolled in the Two-Year course, which was resumed in the fall of 1945. To enable veterans demobolized during the fall to begin College work without delay, an additional Freshman class of 66 students was enrolled in January under special conditions which will make it possible for them to complete the work of the First Year Degree course by the end of June, 1946. The graduating class had an enrolment of 66.

Summer courses for teachers were resumed in July and August with an enrolment of 87. Three Veterans' Land Act courses were given with a total enrolment of 105. Other short courses varying in length from a few days to three months were held at different periods throughout the year. Included in these were: Regular and special short courses in the Dairy and Poultry Departments, Artificial Insemination courses, a Conservation of Natural Resources course, a Mold Count school and an Animal Nutrition school. The heavy demands made on staff and existing accommodations by the very large enrolment of returned men in the fall and the decision to allow a special First Year Degree Class to register on January 2, made necessary the cancellation of the Winter Short Courses held during the Christmas-New Year period and prevented the planned resumption of Household Science courses in the MacDonald Institute. Total attendance in special and short courses was 724.

MILITARY AND NAVAL TRAINING

The transition from war to peace brought a readjustment in the military training programs at many colleges. At the Ontario Agricultural College it was decided to have compulsory training on a reduced scale for students in the first two years who had not been in the armed forces. Two types of training were provided, military training in the Canadian Officers' Training Corps, and naval training in the University Naval Training Division.

Canadian Officers Training Corps

Lt. Col. E. W. Kendall relinquished command of the O.A.C. Contingent after continuous association with it since 1914. At a farewell banquet he was given a wrist watch from members of the unit. He was succeeded in command by Lt. Col. A. G. McNally of the Department of Entomology and Zoology.

The contingent was strengthened by the return of two field officers and the addition of a number of other officers and men with overseas experience. Their experience and enthusiasm played a large part in overcoming a brief inertia following the close of the war.

The rifle teams again distinguished themselves. They finished a close second in Military District No. 1 competitions against all active and reserve units. In addition, both teams entered in the Dominion of Canada Rifle Association won prizes in every competition open to them.

Extensive use of training films and trips such as those to the R.C.E.M.E. workshops in London and the Polymer plants in Sarnia increased interest in the training.

Summer Camp was held at A29 C.I.C.T.C., Camp Ipperwash. Full advantage was taken of the excellent facilities for range work and field schemes. Good food and adequate recreational facilities contributed to the whole-hearted enthusiasm of all ranks. The enrolment for the year was 232 students from the Ontario Agricultural College and the Ontario Veterinary College.

University Naval Training Division

Two courses were offered, one for those who had no previous training, and a somewhat more advanced course for those who had taken courses previously. The reorganization of the training centre at Hamilton from an active to a reserve basis made any special training at "Star" difficult to undertake. However, this lack of training facilities was more than balanced by a training cruise from Halifax to Bermuda, arranged as soon as the college courses finished in the spring. Some sixty-eight O.A.C. students boarded H.M.C.S. New Liskeard for its first training cruise, and seven students from O.V.C. followed on the second training cruise aboard the same ship.

This very successful venture in practical training is to become a regular part of the U.N.T.D. course. With the equipping of "Star" with much improved facilities for instruction, future U.N.T.D. courses should be increasingly valuable and interesting.

The training throughout the year and on board the New Liskeard was under the immediate direction of Lieut. I. K. S. Russel, assisted by Petty Officers G. Cleator, R. M. Rutledge, C. J. Sainsbury, and P.O. Davis. Lieutenant-Commander G. P. McRostie was again the local commanding officer.

IMPORTANT EVENTS OF THE COLLEGE YEAR

Department of Soils Established

In order more adequately to meet the demands of the rapidly expanding program of soils work which had been carried on previously as a division of the Chemistry Department, a new and separately administered Department of Soils was established in September, 1945.

The old Horticultural building in use by the Soils Division since 1937 is being enlarged to provide lecture rooms, laboratories, and office space to accommodate the teaching, research, surveys, and service work of the new department.

Visitors From Great Britain

On Saturday, April 14, 1945, six delegates representing the great farmer organizations of the entire United Kingdom visited the O.A.C. The visitors were guests at a luncheon in the College Dining Hall, the host being Honourable T. L. Kennedy, Minister of Agriculture, who welcomed them to this province. Following the luncheon, the guests made a tour of the College and showed particular interest in the College herds and flocks.

A commission of three leading British agriculturists, touring the American continent, visited the O.A.C., May 16-19, 1945. The commission was seeking information regarding the mechanization of the farm, in order to give assistance to British farmers. Under the direction of Dr. G. I. Christie, President of the College, and Mr. H. W. Kitching of the Agricultural Engineering staff, the group visited several farms in the district and also spent some time as guests of a farm implement manufacturing firm in Brantford.

Two representatives of the British Ministry of Agriculture, Mr. W. F. Ward and Capt. Alex. Thorpe, visited the College August 13-16. While here, Mr. Ward and Capt. Thorpe visited several industries manufacturing farm equipment. They also inspected many of the finest farms in the vicinity where modern equipment had been installed.

Turkey Farm Established

In the spring of 1945 a farm for research in turkey raising and in diseases affecting turkeys was established on the College farm near Arkell, Ontario. This project is being carried on by the Department of Poultry Husbandry. The Ontario Veterinary College is co-operating fully in this work and members of the staff of the O.V.C. are carrying out research on turkey diseases. Already important results are beginning to develop from the investigations of the first year.

Chinese Agricultural Experts Visit O.A.C.

Representatives of the Ministry of Agriculture and Forestry of the Central Government in China, two Chinese agricultural experts, Dr. C. S. Hsieh and Dr. Martin Yang, visited the Ontario Agricultural College on August 21 and 22 to make a study of research and extension methods used in acquiring and disseminating scientific information for the benefit of farmers. They also spent some time at the Ontario Veterinary College as they were vitally interested in methods of combatting and eradicating animal diseases.

Annual Meeting of Junior Farmers' Association Held at O.A.C.

Two hundred Junior Farmers from 32 counties gathered at the Ontario Agricultural College on April 5. 1945, for the first annual meeting of the Junior Farmers' Association of Ontario.

Among those who addressed the group were Dr. G. I. Christie, President of the College; Mr. Norman Davies, Inspector of Agricultural Classes for the Ontario Department of Education; Gordon Orr, President of the Association, and C. D. Graham, Director of Agricultural Representatives for the Ontario Department of Agriculture.

Junior Farmer Field Day

On June 29, 1945 nearly 1,500 boys and girls representing Junior Farmer Clubs in twenty counties of Western Ontario gathered at the Ontario Agricultural College for their first annual field day.

The program for the day included softball games, track and field events, and a livestock parade. In the evening, a concert was presented in War Memorial Hall followed by a dance.

Farm and Home Week

With a total attendance for the week of approximately 15,000, Farm and Home Week was held at the Ontario Agricultural College, June 11-15, 1945. Year by year more men and women come from the farms of Ontario to the O.A.C. to seek some solution to their individual problems, and to keep in touch with the work of the various College departments. Varied and interesting exhibits attracted much attention, the livestock parade being the feature event of the daily program.

Alumni Reunion

The annual reunion for the alumni of the Ontario Agricultural College and the alumnae of Macdonald Institute was held at the College on June 16, 1945. Approximately seven hundred former students of both O.A.C. and Macdonald Institute attended.

During the luncheon, Mr. John Buchanan, former Director of Extension and for many years Secretary of the Alumni Association was presented with a table lamp in recognition of his devoted service.

Canadian Seed Growers' Convention

The Canadian Seed Growers' Association presented an interesting program in their annual convention held at the Ontario Agricultural College from June 15-22, 1945. Dr. Richard Bradfield, Professor and Head of the Department of Agronomy, Cornell University, Ithaca, N.Y., was the principal speaker.

Agricultural Representatives' Conference

Agricultural Representatives from every province and district in Ontario met at the Ontario Agricultural College, June 18-22, 1945, for their first province-wide conference. An official announcement of far-reaching plans for supplementary agricultural education and community centres for farm young people was made on behalf of Honourable T. L. Kennedy, Minister of Agriculture for Ontario, by Mr. W. R. Reek, Deputy Minister, and Mr. A. H. Martin, Assistant Director of Agricultural Representatives, who is in charge of Junior Farm Work.

Animal Nutrition Conference

Specialists in Agriculture, Veterinary Science, and the manufacture and retailing of feeds conferred at the O.A.C., September 11-13, 1945 on problems of nutrition, a subject of fundamental and increasing importance in these days of world-wide food shortages.

The conference was sponsored by the Ontario Agricultural College, the Ontario Veterinary College, and the Canadian Feed Manufacturers'

Association and had an attendance of more than 150. The guest speaker was Dr. C. F. Huffman, Research Professor of Dairying, Michigan State College of Agriculture.

Newspaper Men Visit the Campus

Research projects, any one of which in time may mean hundreds of thousands of dollars in farm profits, were inspected at the Ontario Agricultural College on September 17, 1945, by a group of twenty-five representatives of daily newspapers, weeklies, and the farm press of the Province.

Under the direction of the College President, Dr. G. I. Christie, the group spent a full day visiting the various buildings on the campus, talking with department heads, professors and assistants, seeing what had already been done at the College to further agriculture in Ontario, and hearing plans for the future.

At a luncheon held in the College Dining Hall, the party heard from Honourable T. L. Kennedy, Minister of Agriculture, of plans for extending the educational program for Junior Farmers, and from Dr. Christie of the College's post-war program.

Junior Farmers Judging Contests: Provincial and Dominion

On October 26, the Ontario Inter-County Junior Farmer Competitions were held at the Ontario Agricultural College with 127 competing teams representing all but two counties of Old Ontario. In the evening Dr. G. I. Christie, President of the College, presided at a banquet in the College Dining Hall which was attended by more than 350 Junior Farmers and Officials, and was addressed by Mr. W. R. Reek, Deputy Minister of Agriculture.

On November 19, 31 teams made up of 62 finalists from all provinces of Canada met at the Ontario Agricultural College for the Dominion Judging Contests. Included in the group were eight girls. Professor R. G. Knox, head of the Department of Animal Husbandry, addressed the young visitors at a banquet which was held for them in the evening.

Superannuation of Professor Fulmer

At the close of forty-one years of faithful and outstanding service in the Department of Chemistry, Professor H. L. Fulmer, B.S.A., M.A., was granted superannuation in December, 1945.

Born in 1880, Professor Fulmer has spent most of his life in Ontario, having attended an Essex County public school and Leamington high school before coming to the Ontario Agricultural College from which he graduated in 1904. Later, he took graduate work at the universities of Chicago and Michigan. During his long period of service on the College staff he specialized in the field of organic chemistry and biochemistry. His sound and brilliant work and the high standard he set for himself and his students made him a fine teacher and have impressed his memory upon the large number of graduates who have gained so much from his training.

O.A.C. Represented at Other Institutions

October 18, 1945—Mr. J. E. McIntyre, B.S.A., Agricultural Agent, Canadian National Railways, Moncton, N.B., at inauguration of Dr. W. T. R. Flemington as President of Mount Allison University, Sackville, N.B.

October 24, 1945—R. D. Colquette, B.S.A., Editor, Grain Growers' Guide, Winnipeg, Manitoba, at installation of Dr. A. W. Trueman as President of University of Manitoba, Winnipeg, Man.

November 9, 1945—G. E. Reaman, M.A., B.Paed., Ph.D., F.A.G.S., Head of the Department of English, Ontario Agricultural College, at ceremonies installing Dr. Sidney Smith as President of the University of Toronto, Toronto, Ontario

November 13, 1945—E. Angus Banting, B.S.A., Agricultural Engineer, Department of Agriculture and Marketing, Truro, N.S., at inauguration of Dr. Alexander E. Kerr as President of Dalhousie University, Halifax, N.S.

COLLEGE FUNCTIONS

Baccalaureate Service

The annual Baccalaureate Service for the graduating classes of the Ontario Agricultural College and the Ontario Veterinary College was held in War Memorial Hall on Sunday, March 25, 1945.

Rev. W. A. Young (Year '26) of the Presbyterian Church, Fergus, Ontario, delivered the sermon.

Convocation for Students in Agriculture

On Tuesday, May 15, 1945, Convocation for the Class of 1945 was held in War Memorial Hall. Fifty-two graduates received the degree of Bachelor of Science in Agriculture from the new Chancellor of the University of Toronto, the Honourable and Reverend H. J. Cody.

Addresses were delivered by Chancellor Cody and Dr. Sidney Smith, President-elect of the University of Toronto.

SCHOLARSHIPS, PRIZES, AND GIFTS

The Robert Harcourt Bursaries

In honour of the late Dr. Robert Harcourt, head of the Department of Chemistry of the Ontario Agricultural College from 1901-1936, a fund of $5,000 has been set up by Mrs. Robert Harcourt to provide for two bursaries for worthy students completing the second year in agriculture and wishing to proceed in the option of Chemistry or Soils. The yearly income from the fund is to be divided equally between the student in the third year and the student in the fourth year holding the bursaries. Award of the bursaries is to be made by the head of the Department of Soils, the head of the Department of Chemistry, and the Registrar, with the approval of the President of the College. These bursaries will be available in the fall of 1946.

Campbell Soup Company Fellowship

As a result of a co-operative agreement on research work made with the Campbell Soup Company, the company arranged to pay a salary of $3,000 and expenses for a full-time research assistant in Soils to investigate certain problems relative to the yield and quality of canning crops. This project was carried out for the first time in the current year.

The Sherwin-Williams Company Fellowship

A cheque for $500.00 was received from the Sherwin-Williams Company in March, 1946, to pay for summer work by a student on a special project with 2,4-D spray material. Arrangements are being made with the Department of Field Husbandry and the Department of Botany to have this work carried out during the summer of 1946.

The H. H. Dean Fund

Under the terms of the will of the late Professor H. H. Dean, who was for many years widely known as the head of the Department of Dairying at the Ontario Agricultural College, the sum of $500.00 was donated to the College to establish a fund, the income of which is to be presented in a form to be decided upon by the staff of the Dairy School to some student in the said Dairy School.

Y's Men's Club Scholarship

Notification has been received from the Y's Men's Club of Guelph that they have established a Scholarship under which the Ontario Agricultural College is designated as one of three specifically named educational institutions in which the winner may proceed to college training. The sum of $150.00 is to be given to aid a deserving member of the Guelph Y.M.C.A. to continue his education. The Scholarship is to be awarded for one year but may be renewed each year until the holder has completed his studies.

The H. J. Jamieson Prize in English

Mr. H. J. Jamieson of Guelph is offering the sum of $20.00 as a prize in the Department of English, the prize to be awarded annually on the work in English of the first two years of the Degree Course.

Year '46 Donation

The members of the 1946 class of students at the Ontario Agricultural College have decided to present to the College the sum of $200.00 to be used to assist in the construction of a proposed Union House Building.

Gifts to the O.A.C.

Mr. Chris. Nixon, a harness maker of Georgetown now in his 84th year, assembled over a period of years a particularly fine set of old-fashioned sleigh-bells which he has presented to the College.

An interesting and attractively framed pen-and-ink drawing of the Ontario Agricultural College as it appeared in 1878 has been presented to the College by Dr. C. D. McGilvray of the Ontario Veterinary College. The drawing was sent to Dr. McGilvray by Miss Anna R. Greig of North Vancouver, B.C., and is the work of a classmate of her father.

RESEARCH AND SERVICE

Soil Testing Service

During the year, 3,968 samples of soil, sent in to the soil laboratory from farmers in different parts of the Province, were examined and recommendations for treatment made for each.

Fertilizer Studies With Canning Crops

Under a grant-in-aid provided by the Campbell Soup Company Fellowship, studies were made of the effect of fertilizer on the yield and quality of canning tomatoes in the Chatham, Islington and Oshawa districts. In addition to the fertilizer investigatons, tests were made on a number of varieties and strains of tomatoes, peppers and okra.

In the fertilizer experiments, responses from manganese sulphate were sufficient to warrant further investigation of the need for this nutrient.

Soil Surveys

The field work during the year included re-checking Prince Edward County, Grenville County, and a continuation of the survey in North Simcoe.

At the request of the Department of Transport, a special survey was made of part of Malton Airport.

Some revisions were made in the mapping of Temiskaming and Cochrane districts.

A considerable volume of laboratory work was completed on samples taken during the previous year's field work.

Soil Conservation

Detailed land use surveys were made of a number of farms selected by County Agricultural Committees for demonstration projects. An active educational program was carried out through addresses given at farmers' meetings and short courses held at various centres.

Fertilizer Demonstrations and Experiments

Studies of rates and methods of applying fertilizers were continued during the season with winter wheat, potatoes, corn, and barley. Studies were also made of the relationship of the potassium supply to strength of straw and lodging of spring grain.

Dairy Chemistry Service

During the past year the following materials were analysed for routine tests and for consultant work on dairy plant problems: 89 samples of cream; 93 samples of butter; 48 samples of cheddar cheese; 47 samples of buttermilk; 4 samples of milk; 3 samples of water; 1 sample of boiler water; 1 sample of boiler water treating compound; 1 sample of skim milk powder, and 1 sample of butter wrapper. The total number of samples was 288.

General Laboratory Service

Forty-one special investigations were made in connection with inquiries accompanying samples sent in to the chemical laboratory. Such diverse materials as water, lard, sugar, animal organs, wax, baking powder, molasses, coal, wheat, soup and sewage sludge were examined.

One hundred and eighty Reactosoil Test Kits were prepared and distributed during the past year. Sixteen lots of special reagents for soil testing were prepared and supplied to high schools, experimental stations and county agricultural offices.

Pullorum Antigen

A total of one and a quarter million c.c. of pullorum antigen was prepared during the season. This was used for testing Ontario Breeding Station flocks at the central laboratory, O.A.C. and for distribution to private operators conducting pullorum testing.

Rapid Blood Testing for Pullorum Disease

Increasing demands for rapid whole blood testing for pullorum disease among flocks belonging to the Accredited Flock Policy made it necessary to construct equipment and to train men to conduct the test in the field.

Bacteriological Analyses

Three hundred and fifty water samples were analysed and 73 samples of milk were tested for abnormalities.

Legume Cultures and Lactic Starters

More than 6,000 cultures for legume seed inoculation were made and distributed to seedsmen, agricultural representatives, and farmers. Two hundred and thirty-four lactic starters were forwarded to dairies and creameries.

Fumigation of Incubators

Inspection of hatcheries to determine the efficiency of fumigation was extended to include more poultry plants. Where recommendations made the previous year were followed, chick mortality was considerably reduced.

Salmonella and Coliform Types in Eggs

Analysis of more than 2,000 eggs from diseased and healthy hens has shown that, apart from 6.1 per cent of the eggs containing *Salmonella pullorum* types, no Salmonella food poisoning types were isolated. A total of 7.2 per cent of the eggs from pullorum infected fowl showed the presence of coliform types.

Antibiotic Action of Tomato Juice

In connection with experiments on home canning, it was determined that extracts from tomato fruit possessed strong anti-bacterial activity against known food spoilage organisms. These extracts compared favourably with standard amounts of penicillin.

Brown Heart of Water-Core of Turnips

Extensive experiments conducted during the past four years have proved that water-core or brown heart of turnips can be prevented by spraying with a borax solution or dusting with a borax-celite dust. Dusting is now being recommended as an alternative to spraying. Both methods are simple, cheap and effective.

Tests of Fungicides for the Control of Apple Scab

Experiments are conducted each year with the new fungicides which come on the market from time to time. During the past two years two comparatively new class of fungicides, namely, Micronized Sulphurs and Flotation Sulphur Pastes, have given the maximum control of Scab and the minimum of foliage injury when used for the summer sprays. They are now included in the recommendations of the Ontario Spray Calendar for Apples. Fermate is a new spray which has been tested for one year only; the results obtained are promising.

New Sprays for Potatoes

Fixed copper sprays and Dithane are being tested for their efficiency in controlling Late Blight and Rot of Potatoes. Up to the present time none of them have proved superior to Bordeaux mixture for this purpose.

Chemical Weed Killers

Experiments conducted during the past two years have proved that Stephen's Weed Killer and Atlacide can be used effectively to destroy patches of such perennial weeds as Field Bindweed, Leafy Spurge and Perennial Sow Thistle. They have also shown that Ammate (Ammonium sulphamate) is very effective for the destruction of Poison Ivy.

Preliminary tests conducted for one year with the new 2,4-D preparations indicate that they may prove to be very effective in the killing of such perennial weeds as Field Bindweed, Leafy Spurge and Perennial Sow Thistle, and in destroying lawn weeds without injury to the grass.

DDT for Potato Leafhopper Control

Thirty treatments replicated five times under field conditions demonstrated the efficiency of DDT as a control for potato leafhopper and potato aphids. Compatibility with inorganic and organic fungicidal sprays and incompatibility with hydrated lime content dusts were also demonstrated. Resultant increases in tuber yields indicated high efficiency in control from one year's results.

House Fly Control in Barns With DDT

Applications of commercial barn sprays containing DDT gave control for two weeks in unscreened buildings when the recommended rate was used. Much longer lethal periods are indicated from laboratory experiments using reared flies in cages. Thirty-eight formulations were under test in the laboratory experiments.

Testing Spray Materials

Codling moth lead arsenate-oil schedules with summer oils of 80 and 50 viscosity apparently caused some mild spotting of foliage in spite of higher application pressures. This injury occurred in previous years and some indication was given that poor equipment might be the cause of the trouble. The use of more up-to-date equipment permitting higher pressures did not, however, rectify this condition. Further search is being made to find the reason for the leaf blotching. Observations were made difficult by the extremely heavy incidence of apple scab.

Forage Crops

Progress in the improvement of forage crops has been continued by the introduction of improved and indigenous domestic and foreign varieties, by the breeding and selection of improved types, by testing varieties and their combination in hay and pasture mixtures, and by the multiplication and distribution of improved strains. At the annual convention of the Canadian Seed Growers' Association thirteen varieties of grasses and legumes which have been outstanding in behaviour were accepted for registration. This is one of the largest numbers of applications by one station ever accepted for registration in any one year.

Winter Wheat

Improvement projects again conducted included work in breeding, testing in the field, and quality testing in the laboratory. Disease resistance and quality have been the two main objectives in breeding. In variety testing a total of 1,690 plots was grown. Considerably more laboratory testing was carried out than in previous years, a total of 1,291 samples being run through various tests.

Regional Variety Testing

The testing of grain varieties including several new strains was carried out in co-operation with farmers in many parts of the Province. One hundred and seven tests were carried out on 4,550 plots.

Potato Investigation

The summer of 1945 saw the completion of the investigations conducted on the Banting farm at Alliston. The results of the experiments conducted there have done much to solve many of the potato problems in that and other areas. For 1946 a permanent farm has been secured within a few miles of Guelph.

Flock Approval Programs

During 1945 two flock approval programs, the Ontario accredited Poultry Flock Policy and the Ontario Poultry Breeding Station Policy, were carried on by the Department of Poultry Husbandry. Under the two Policies the Department culled and banded 2,573 flocks containing 872,884 chickens and 5,213 turkeys. A total of 733,823 individual tests was made on the above birds for Pullorum infection.

Egg Shell Quality

Poor shell quality is a serious problem. Studies of various factors which may contribute to this condition are being carried on. They include testing various carriers of D vitamin and the possible synergistic actions of the various D's, as well as studies of several of the trace minerals.

Magnesium and Hatchability

Study of the possible toxic effect of high levels of magnesium in chick rations for breeding stock was continued. Even with the higher levels of magnesium present in dolomite limestone, there was no evidence of an injurious effect on hatchability, but where the dolomite limestone was used as a source of both calcium and grit it produced a bluish coloration of the egg shells.

Turkey Research Station

A turkey research station has been established on the College farm near Arkell. Several brooder houses were erected, and in June 461 poults were started on research projects.

Turkey Nutrition Studies

Crystalline riboflavin produced synthetically was compared in value with riboflavin from milk powder, protein levels being kept constant. It proved satisfactory when supplying the major portion of riboflavin but milk should be supplied in the diet. The addition of limited amounts of choline chloride did not seem to improve a good practical ration. Other studies including work with abscorbic acid are in progress.

Atheroschlerosis in Chickens

The Department of Animal Nutrition in collaboration with the Department of Poultry Husbandry and the University of Western Ontario Medical School has begun an investigation of the factors affecting the production of atheroschlerosis in chickens, particularly cholesterol feeding.

A Dry Vitamin A and D Carrier

The suitability of a new vitamin carrier as a replacement for the conventional types of feeding oil in poultry rations was investigated. This product of Canadian origin, known as "Vitamin A and D in Dry Herring Meal Base", provides supplementary amounts of the two vitamins in a more convenient form for mixing. Tests of the new product have given very satisfactory results. Further studies are in progress.

Protein and Amino Acid Studies

Investigation was begun of the amino acid requirements of mature poultry using the nitrogen balance technique. Work on the determination of amino acids and their amounts in feed proteins by microbiological technique, as well as other methods, is progressing.

Phosphatase Studies

Further tests were made on the characteristics of the phosphatase of rachitic chicks and the applicability of the plasma phosphatase test as a method of assay for Vitamin D. The role of magnesium in the activation of plasma phosphatase was studied. A complete report on the phosphatase studies has been prepared.

Dairy Services

More than 3,610 churnings from 129 Ontario Creameries were analysed for yeast and mould content. Results show a decided improvement since the inauguration of this service. Determinations of extraneous matter carried out on samples of curd submitted indicate that much improvement remains to be made in production and straining of milk intended for cheese manufacture. A total of 154 samples of milk, cream and skim-milk has been tested for fat content. A large number of dairy products (butter, cheese, ice cream, etc.) has been analysed for fat, moisture and salt, or examined for flavour defects.

Milking Machine Sanitation

Tests comparing the relatively new organic compound, "Roccal", with the standard lye-chlorine method of cleaning and sterilizing milking machines have shown the effectiveness of this compound.

Thiamine in Cheese

Experiments have been carried on to show the effect of the manufacturing and curing process upon the thiamine content of cheese. On the average about 9 per cent of the thiamine present in the milk was retained in the cheese, the remainder being recovered in the whey. A progressive decrease in the thiamine content of the cheese with increased ripening period was observed. Losses in 12 months ranged from 43 to 73 per cent.

New Variety of Lily

As a result of hybridization and selection a new variety of lily, the "Cardinal", has been developed and distributed to growers for trial. It is a tiger-type lily with twelve to fifteen blooms, fire-red in colour with dark purple spots.

Selenium Treatment for Chrysanthemums

Experiments with various dosages of sodium selenate in soil growing chrysanthemums have shown that, with the proper dosage, effective control of midge, thrips and aphids is obtained. Plant injury was noted when larger amounts were used.

Rhododendrons and Azaleas

Investigation of rhododendrons and azaleas both under glass and outside has continued over a period of five years. The collection consists of some forty species, most of which have been grown from seed. They all require a rooting medium which is acid. The present purpose of the work is to discover forms which are suitable for either outside or greenhouse culture.

Apiary Inspection and Disease Control

During the year, 6,127 beekeepers registered 216,039 colonies in 8,315 apiaries. Inspections were made in 3,049 apiaries, consisting of 53,186 colonies. Disease was found in 2,906 colonies, or 5.4 per cent of those inspected.

Pelee Island Queen Rearing Project

During the summer of 1945 sufficient equipment and colonies were prepared to look after a minimum production of 2,000 queens for 1946. These queens are to be reared from the best strains available as shown by tests carried on during the past five years. Strains to be used have shown as much as 50 per cent greater production per colony than the average.

Repairing Farm Machinery

The continued scarcity of farm machinery coupled with the increased demand for food makes even more urgent than during the war years the repair of equipment now in use. As a result of a special repair program carried out by classes in Agricultural Engineering, twenty-five implements of varied types were rebuilt and put back into service as new. Students of these classes will return to their home communities prepared to give valuable service in the conservation of farm machinery.

Land Improvement by Heavy Machinery

Farm land can be increased in value and farming made easier and more economical by clearing stumped land, burying stone fence bottoms. clearing out fence bottoms, digging watering ponds, etc. Studies of the use of heavy track-type tractors and bulldozer-equipped tractors for this work showed that the work was accomplished quickly and easily and at comparatively low cost under the prevailing rental rates for this equipment.

Farm Drainage

The second wet season in succession created a demand for drainage work with which lack of assistance and equipment made it impossible to cope. While demands for surveys could not, in many instances, be met. many of the surveys completed could not be installed owing to the lack of tile and machines. Assistance in a variety of drainage problems was given to 334 farmers.

Co-operative Disease Investigation

The Department of Animal Husbandry in co-operation with the Ontario Veterinary College has been carrying on investigations in regard to mastitis, vaccination technique, calfhood diseases, troubles related to pregnancy in animals, and the control of the incidence of rhinitis in pigs. Encouraging results in mastitis control have been experienced. The necessity for vaccination at the proper age to insure a negative reading at a later date has been demonstrated. The feeding of cobalt as cobalt sulphate to insure optimum growth in dairy calves would appear to be warranted.

Preference of Nursing Pigs for Rolled or Ground Grains

Feeding trials with nursing pigs have shown that the pigs showed a preference for the rolled products, particularly rolled oats and rolled wheat, and made better gains on these feeds.

Effect of Protein Levels in Swine Rations

Investigations have shown that excessive amounts of protein in swine rations do not interfere with digestion and do not cause what is commonly called "protein poisoning". The carcasses, however, were inferior to those fed the standard recommended rations.

Irradiated Yeast as a Source of Vitamin D for Pregnant Sows

Continued investigation has shown that the use of irradiated yeast as a source of Vitamin D for swine resulted in stronger and more vigorous litters which averaged ⅓ lb. more per pig at birth, while the sows themselves were healthier in appearance.

ONTARIO VETERINARY COLLEGE

During the academic year 1945-46 at the Ontario Veterinary College, two hundred and thirty-seven students have been in attendance. One hundred and twenty-six of this number were war veterans. As in the past students have enrolled from all parts of Canada. Their distribution by provinces is as follows: Ontario, 158; Saskatchewan, 18; Alberta, 17; Manitoba, 13; British Columbia, 12; Quebec, 5; Prince Edward Island, 4; Nova Scotia, 3; New Brunswick, 2. In addition there are four students from other parts of the British Commonwealth, namely two from British Guiana, one from Jamaica, and one from England.

The average age of the students in attendance is 24.6 years. There are eight female students in attendance. Since June last we have not accepted female students, due to the large number of applicants who have served in His Majesty's forces.

Dr. A. Kingscote and Dr. A. Bain returned from service in His Majesty's forces and have resumed their respective duties in charge of Parasitology and Bacteriology. Two new members were added to the teaching staff; Dr. J. P. Gilman—Histology and Embryology, and Dr. C. V. Barker—Breeding Hygiene.

Assistance was obtained from the following on a per lecture basis: Dr. M. C. Dinberg, Provincial Pathologist, Ontario Department of Health—Histology; Professor R. Birdwhistell, University of Toronto—Human Geography; Dr. L. Little—Public Health; Dr. A. E. Berry—Sanitary Engineering; Dr. D. S. Puffer, Assistant to the Chief Medical Officer of Health. Dr. G. L. Bannister left the College staff for service with UNRRA in China for a period of two years. Dr. Bannister seeks further experience in communicable disease problems. It is expected that he will rejoin our staff in two years' time.

The staff has been heavily taxed due to the large number of students, and it has been found necessary to divide the first year class; instruction and laboratory period therefore were given separately to the two sections. Furthermore, the marked limitation of space has hampered the progress of scientific investigation. The addition of the new wing, under plan at the present time, will alleviate this condition to some degree. However, this college will require an additional small building for scientific research and virology. This institution is also in need of further visual equipment for teaching purposes by way of lantern slides and films, however a start has been made on the procurement of this equipment.

Curriculum

The curriculum has been revised slightly. Additional time was allotted to Biochemistry and Physiology. In the first year class, instruction in two subjects, namely Pharmacy and Human Geography, has been added. In the second year class, a course in Nutrition is given by Professor Evans of the O.A.C. Department of Nutrition. In the third year class, a course of instruction in Swine Diseases is given, apart from the general course in Diseases of Cattle, Sheep and Swine. A separate twelve hour course has been given to Haematology. In the fourth year class, the periods usually allotted to the subject Meat Hygiene, was this year revised so that instruction included not only meat but other edible products, in consequence the course is now termed Food Hygiene. Changes were made in the instruction given in Communicable Diseases in order to eliminate overlapping; communicable diseases of horses were taught by the Professor lecturing on Equine diseases and communicable diseases of cattle by the Professor lecturing on Cattle diseases. The subject, Reportable Diseases consisted solely of instruction in diseases which are reportable under the Animal Contagious Diseases Act. Furthermore, the final year students received a lecture and clinical course in Artificial Insemination; this subject was given twenty-nine lecture periods and twenty-nine hours devoted to clinical instruction. In the twenty-nine lecture periods devoted to teaching in Public Health we have included a course of lectures in Public Health Bacteriology, Human Communicable diseases, Environmental Sanitation and Recreational Sanitation. In the Bacteriology course, twelve hours were devoted to instruction and demonstrations in Virology.

Extension

The facilities and staff of this department have grown considerably during the last few years, in consequence of which the activities and range of services offered have greatly increased.

The department is divided into several divisions dealing with the major agricultural problems relating to Veterinary Medicine. Separate diagnostic laboratories are maintained by the department to deal with Mastitis, Bang's Disease (Contagious Abortion), Poultry Diseases, Swine Diseases and Diseases of Fur Bearing Animals. A separate division also deals with breeding problems. A small biological laboratory is maintained for making vaccines, sera and other preventive biological products, as and when they are needed for the work of the Department.

The Department, in the capacity of consultant, maintains close cooperation with the practising veterinarians throughout the province. In districts where there are no practising veterinarians available, members of the departmental staff deal directly with the agricultural representatives and breeders of the district. Last year, members of the staff addressed over sixty meetings. The presentations made at these meetings included disease control problems in poultry, cattle, swine and fur-bearing animals. In the control of Brucellosis, a province-wide calfhood vaccination programme was instituted. Abortus vaccine, strain 19, (living), has been distributed at the rate of about 2,500 doses weekly. The college has undertaken an adult vaccination experiment in Brucellosis. A third project which has been undertaken is the intradermal method of inoculation to determine its benefits, if any, over the subcutaneous. Furthermore, the merits of different methods of preparing vaccine is being surveyed.

The mastitis laboratory has been busily engaged and at present is undertaking a survey in the milk sheds of one city. In the immediate future a second will be undertaken. In the department of parasitology, a project is being undertaken in the control of parasitism amongst sheep on Manitoulin Island, as well as several other investigational projects including a study of the toxicity of DDT. In the poultry laboratory seven to eight hundred birds are received monthly. Several investigational projects are under way.

Subsidized Veterinary Units

The Department has assisted three municipalities in Northern Ontario in the establishment of veterinary units, namely, Kenora, Algoma and New Liskeard, whilst preparatory organization work for the establishment of further units has already been started.

KEMPTVILLE AGRICULTURAL SCHOOL

The Kemptville Agricultural School resumed its regular Courses in Agriculture, Home Economics and Dairying in the Fall of 1946. Owing to the fact the buildings had been taken over by the Department of National Defence, it was impossible to conduct classes for the Second or Senior Year until 1945. During 1944 Courses for Juniors were commenced.

The enrolment during the past School Year was the largest in the history of the School and was as follows:-

Agriculture—Junior Year	78
" —Senior Year	35
Home Economics—2 Year	3
" " —Homemaker	10 1 part time
Dairy—Cheese and Butter Makers	39

During the year, the School is the meeting place for many Agricultural Conferences and special mention should be made of the Junior Farmer Conference with an attendance of 125. Also to the staging of the Junior Department of the Central Canada Exhibition with an attendance of 300 and the Eastern Ontario Junior Farmers Athletic Field Day with an attendance of 400. The School is also used on many occasions by Breed Associations for picnics, annual sales and annual meetings.

Owing to the increase in attendance, it was necessary to appoint additional members to the teaching staff as follows:-

Mr. Grover Smith, B.S.A.—Instructor in Biology.

Mr. Keith Walker—Instructor in Agricultural Engineering.

Dr. Douglas Parks, B.S.A.—Instructor in Field Husbandry.

Mr. Glenn Shaver, Instructor in Chemistry.

Mr. Aubrey Hagar, B.S.A.—Instructor in English and Economics.

Miss Anne Nicholson—Instructor in Clothing and Handicrafts.

The Kemptville Agricultural School wishes to acknowledge the cooperation and assistance to the school by the following:-

Agricultural Representatives Branch; Dominion Experimental Farm Services; Dominion Production Services; Ontario Women's Institute Branch; Ontario Live Stock Branch; Dominion Health of Animals Branch; Ontario Field Crops, Seeds and Weeds Branch; and the Agricultural Weekly and Daily Press.

HOME ECONOMICS DIVISION

The Home Economics Division was directed this year with the following Staff Members:-

Ruth B. Rorke, B.H.S., Director (Permanent)

Jean L. Malcomson, R.N., Resident Nurse and Health Education (School Term).

Anne M. Nicholson, Clothing and Handicrafts (School Term)

Marion B. Cooper, Housekeeper (School Term)

Three students returned to complete the Senior Year. Ten students enrolled in the Junior Year with one special student. The students made good progress during the year and several of them plan to return for a second term.

Home Economics students took part in the K.A.S. Royal in March with very creditable exhibits of Crafts, Home Furnishings and Nutrition.

Achievements in Clothing Classes were displayed in a Fashion Show for the local Women's Institute, visiting Institutes and friends.

As a class project, a basement room was converted into a recreation room for Home Economics students and was partially furnished by them.

Certain renovations and additions to the Home Economics laboratories are to be recommended, though not procurable due to restrictions of the present time.

Residence Department

New equipment includes a Kelvinator for the pantry to replace smaller type transferred to Foods laboratory. A new electric ironer, replacing the old one, and a tumbler drier were added to laundry equipment.

Additional bedding, kitchen and dining equipment were procured to take care of the twenty-two students housed in the Army Huts, with kitchen and dining facilities in the Mechanics Building.

Meetings Attended and Groups Entertaned
District Annual Meetings of Women's Institutes

			Subject	*Attendance*
May	16/45	Winchester	Home Economics at K.A.S.	85
	16	Winchester High School	“ “ “ “	75
	17	Crysler	“ “ “ “	100
	18	Navan	“ “ “ “	70
	22	Johnstown	“ “ “ “	100
	23	Kemptville	“ “ “ “	50
	29	Mississippi	“ “ “ “	75
	31	Pembroke	“ “ “ “	100

Other Organizations

	24-26	Toronto—Canadian Dietetic Association (Member)	200
	28	Prescott Women's Institute Nutrition in Action	40
June	6	Ottawa—Nutrition Conference	150-175
	9	K.A.S. Junior Farmers Field Day	350
	23	K.A.S. K.A.S. Alumni Reunion	225
Sept.	21-22	K.A.S. Teachers Federation Executive Conference (Hostess)	80
Oct.	4-6	K.A.S. Junior Agricultural Fair	approx. 300
Jan.	3-4 46	K.A.S. Junior Farmers Conference	“ 125
Jan.		North Augusta Women's Institute (Miss Malcomson)	100
Feb.	28	Kemptville Women's Institute (Miss Malcomson) Citizenship	35
Mar.	28	K.A.S. Fashion Show	110
Mar.		Oxford Mills Junior Farmers (Miss Malcomson)	35

ANIMAL AND FIELD HUSBANDRY DIVISION

The demand for breeding stock far exceeded the supply with the demand for boars and sows sired by the Imported English boar particularly heavy. The following animals were sold for breeding purposes:- 29 Yorkshire boars, 11 Yorkshire sows, 4 purebred Dairy bulls and 18 purebred Dairy Cows and Heifers. The sale of bull calves dropped materially as the great majority of calves were heifers.

In spite of the very wet, backward Spring, the yields of farm crops were quite good. The following is a summary of crops produced:-

Fall Wheat (Rideau)	95	bus.
Spring Wheat (Coronation II)	52	"
Oats (Beaver)	455	"
Oats (Ajax)	260	"
Oats (Cartier)	125	"
Oats (Erban)	140	"
Barley (Barboff)	148	"
Mixed Grains	6	tons
Hay	214	"
Ensilage Corn	250	"
Potatoes (Irish Cobblers)	395	bus.
Potatoes (Sebago)	60	"
Turnips	21.1	tons

SEED CLEANING PLANT

During the year approximately 150 farmers from the surrounding district were served by the Seed Cleaning Plant. The following is a list of seeds cleaned during the year:

Small Seeds		
Alfalfa	7,158	lbs.
Sweet Clover	4,375	"
Timothy	13,840	"
Red Clover	3,695	"
Red Top	200	"
Grains		
Oats	4,392	bus.
Barley	279	"
Wheat	32	"
Buckwheat	35	"
Millet	4	"
Flax	7½	"

CHEMISTRY, SOILS AND FERTILIZERS DIVISION

The extension work of this Division can be divided into the following projects:

1. *Permanent Fertility Plants*

This project is being conducted at two locations, Foxboro and Merrickville, involving acreages of nine and twelve acres respectively. These are now in the second rotational period and are laid out with varying treatments of fertility applications to ascertain the response to treatments and the residual effect of same.

2. Co-operative Cereal Variety and Fertility Tests

This work is carried on in co-operation with the Cereal Division of the Central Experimental Farm, Ottawa. The project involves the testing of four varieties of Oats, four varieties of Barley and two varieties of mixtures, with drill width areas using fertilizers versus no fertilizer. These tests were located in five locations.

3. Demonstrations & Special Plots

These projects included test trials on the following:

1. Securing of residual data on previous treatment.
2. Pasture Fertility treatment.
3. The use of Boron on Turnips and Orchards.
4. Fertility treatments on different potato varieties.
5. Spring vs. Fall applications of fertilizer.
6. Use of Plow Sole Fertilizer method of application.

4. Soil Testing

This service is being found of excellent value by many farmers and is proving its value by the fact that many are forwarding in samples yearly for recommendations. A total of 1,310 samples were tested.

5. Thirty meetings were attended when soil problems and fertility practices were discussed.

AGRICULTURAL ENGINEERING AND DRAINAGE DIVISION

During the year this Division was engaged in lecturing and demonstrating to the classes in Agriculture and Dairy School students.

The Engineering Staff consisted of two members. Due to the fact that one member of this staff was not released from the Armed Forces till October 1st, 1945, and the other member only joined the staff when classes started the 15th of October, 1945, there was no field work done in drainage during the summer months of this year.

Previous to the opening of school in October 1945, considerable refitting had to be done in the Engineering building to put it back in shape for class work, for it had previously been occupied for several years by the Department of National Defence.

Regular Courses in Agriculture—October to April

Lectures and demonstrations were given in the following subjects:- Drainage; Electricity; Meteorology; Mechanics; Selection, care and sharpening of tools; Framing, Construction and Remodelling of farm buildings; Concrete and its uses on the farm; Iron and Steel; Gas Engines; Tractor and Auto Mechanics; Farm Water Supply and Sewage Disposal; Selection, care and repair of farm machinery.

The shop work consisted of practical work in:- saw filing; woodworking; care and repair of harness; belts and belt lacing; soldering; oxy-acetylene welding and forge work; cutting and threading pipe and setting up a bathroom; elementary electrical wiring of a building; knots, splices and making rope halters; as well as practical work in motor mechanics and farm machinery.

During the year considerable equipment and tools were purchased to make more complete the equipment in the woodworking and motor mechanics shops.

Tractors were loaned to this Division for classroom work by The International Harvester Co. Ltd., The Cockshutt Plow Co. Ltd., and the Ford Motor Co.

Shallow well and deep well pumping units were loaned to this Division by the Beatty Bros. Ltd., for classroom use.

During the Course, a special implement demonstration was conducted in co-operation with the Massey-Harris Co. Ltd.

The Senior Class in Agriculture were taken on an educational tour through the farm implement manufacturing plant of The Cockshutt Plow Co. Ltd., Smiths Falls, Ontario.

Dairy School Classes

The Dairy School students were given lectures and practical work in soldering and pipe fitting.

POULTRY DIVISION

Owing to the increased number of students, the capacity for practical work in Poultry and Farm Meats is strained to the utmost. It is felt that if a course in "Farm Meats" is carried on, some slaughter house accommodation is necessary.

The change over to "Fast Feathering Barred Rocks" has proved to have some advantages over the older and slower types of chicken. Some excellent records have been obtained from these birds and the faster feathering makes a much better market chicken.

It is felt that the Poultry Plant is sadly out of date with regard to housing and that a new, somewhat modern house should be erected in the very near future. The present houses have none of the features now considered necessary in a good poultry house.

There is considerable extension work being carried on, especially in relation to Junior Work and Disease control.

Farmers meetings	28
Women's Institute meetings	7
Combined meetings	25
Farm Demonstrations	15
Boys' and Girls' Clubs	3
Boys' and Girls' Flock Inspections	65
Visits re Disease	240

HORTICULTURAL DIVISION

After experiencing an exceptionally warm period of weather in the latter part of March '45, (temperatures varying from 51 degrees to 79 degrees F) for nearly two weeks, the weather became cool and very wet. These unsatisfactory conditions continued throughout April and into May, during which time several severe frosts were experienced and apple bloom in the immature bud stage was largely killed. Satisfactory spraying could not be done and conditions for pollinating the limited blooms that had survived the killing frosts was so poor that the apple crop was practically a total loss. This loss to the growers was followed by a very serious scab infection on the leaves that defoliated many orchards so severely, it will require a season or two to recover normal tree vigour. A late application of additional nitrogen (late June) enabled many trees to develop a fairly satisfactory foliage growth but at the expense of blossom-bud development.

As a result of these conditions, growers in a number of districts requested personal visits to discuss their several problems and suggest remedial methods.

The months of June, July and August, however, gave gardeners an opportunity to produce fairly satisfactory crops of early vegetables. Exceptionally heavy rains in September (more than seven inches being recorded) again proved quite detrimental to many late crops and added to the difficulty in maturing others.

A good crop of Riverside Sweet Spanish Onion was again produced in the school garden but the crop had to be ripened on racks under cover. These racks were made by using snow-fencing supported on trestles and proved quite satisfactory for this purpose.

During the year addresses and discussions on a variety of subjects were given at meetings of orchardists, vegetable growers, Horticultural Societies and Clubs in a number of outlying districts.

The requests for personal visits from many districts indicate that this service could be considerably extended if assistance and transportation were available.

Owing to the large increase in student attendance at the School, it was necessary to obtain the assistance of a competent instructor in Botany and Entomology. Mr. Grover Smith, B.S.A., (recently discharged from the R.C.A.F) very efficiently carried on this extra work until illness at home necessitated his retirement. The services of Mr. Roy Class, B.S.A., (more recently discharged from the Army) were then secured and he took up the work where Mr. Smith had been compelled to relinquish it, and carried on very satisfactorily till the end of the school year.

The large classes of students were, with difficulty, accommodated in the limited space available for laboratory work, but a considerable portion of the practical work in Horticulture could not be given with the very limited greenhouse facilities now available. The present equipment, consisting of two small greenhouses——forty and fifty feet in length, are old and require considerable repairing. A large proportion of practical work in Horticulture, such as grafting, budding, pruning and propogation, work that can only be learned by practice, can be undertaken quite satisfactorily under greenhouse conditions during the winter months.

DAIRY DIVISION

The fifty-second session of the Dairy School for Eastern Ontario had an enrolment of thirty-nine students for the three months Diploma Course and one student for a Course in milk-testing. Twelve students were discharged from war service. Seventy-five applications were received for the Diploma Course, but thirty-six of these were unable to attend owing to the expense and lack of boarding accommodation. The registration shows the following nineteen counties or districts represented: Algoma, 1; Carleton, 4; Dunds, 2; Frontenac, 2; Glengarry, 1; Grenville, 1; Hastings, 1; Lanark, 4; Leeds, 1; Lennox & Addington, 2; Northumberland, 3; Peterborough, 2; Prescott, 3; Prince Edward, 2; Prov. Quebec, 2; Renfrew, 4; Russell, 3; Stormont, 1; Temiskaming, 1.

At the conclusion of the course, thirty-eight students wrote the examinations for the Dairy School Diploma and of these thirteen passed with First Class Honours, fifteen passed with Second Class Honours, and ten obtained Pass Standing. The Montreal Provision Trades Association awarded One Hundred Dollars ($100.00) prize money to stimulate competition among the students. The Kemptville Creameries awarded two prizes of Thirty Dollars ($30.00) and Twenty Dollars ($20.00) respectively to the highest students in butter-making, and the S. F. Lawrason Company Limited, London, Ontario, donated a Silver Trophy to the student showing the best attitude to dairy work.

The bacteriological service supplying Lactic cultures to cheese factories in particular, and other dairy plants, was conducted from the Dairy Laboratories throughout the year. During 1945 twelve hundred and fifty-three of these cultures were supplied. Three hundred and eighty-two factories throughout the province applied for these cultures out of a total of five hundred and seventy-seven or over sixty-six percent. This aggregate percentage includes approximately 71% of the factories in Eastern Ontario, 44% of the factories in Northern Ontario and 36% of the factories in Western Ontario.

Dairy Chemistry services and supplies have been provided for twenty-nine cheese instructors and three creamery instructors in Ontario.

During the year thirty-nine visits were made to cheese factories, creameries and dairymen's meetings where addresses on Dairy subjects were given.

HORTICULTURAL EXPERIMENT STATION

This report abstracts a few of the Station projects and activities under the general titles, Research, Plant Breeding, and Extension. More detailed treatment of these projects and other Station work is included in the biennial reports of the Station.

RESEARCH

Project 271. The Extent to Which Apple Orchard Cultivation May Economically Be Reduced

An orchard of McIntosh, Baldwin and Northern Spy apple trees was planted in 1921. The soil is a fine sandy loam underlaid with clay at three to six feet. In 1927 the differential cultivation treatments were commenced. Two plots were cultivated until the usual July 15 date (normal) requiring about six cultivations. Two similar plots were cultivated until May 15 (minimum) requiring only one or two cultivations. At the end of the cultivation periods various annual green-manure crops were sown. When buckwheat was used, two crops were sown on the minimum-cultivation plots. The Baldwin trees were removed in the fall of 1944 and the results to that time with all three varieties have been summarized.

Giving tree size (area of trunk cross-section) and yield the values of 100 for the normal cultivation (July 15 seeding), the relative values for minimum cultivation (May 15 seeding) are:

	Baldwin	McIntosh	Northern Spy
Tree size	84	88	77
Yield	98	115	82

Tree size has been reduced in all varieties by shortening the cultivation period two months. Concurrently, yields have been increased in McIntosh, decreased in Northern Spy and almost unchanged in Baldwin. Fruit colour has been appreciably better under minimum cultivation and there has been less loss from pre-harvest drop in the McIntosh variety. Weighing all the evidence it is apparent that, under conditions at Vineland, it is unnecessary and probably unwise to cultivate an apple orchard much, if any, after May 15.

Project 391. Soil Fertility Studies With the Viking Red Raspberry

On Vineland fine sandy loam soil, potassium (potash) seems to be the most important fertilizer constituent in the growing of the red raspberry. Nitrate of soda alone at 240 pounds per acre per year has given the lowest yields both with and without applications of straw. When the potash requirement was filled, additions of nitrogen, and also of phospate, usually gave further yield increases, the best of all fertilizer treatments being the NPK combination. However, farm manure at 10 to 15 tons per acre per year gave almost as large yields as the NPK combination, and farm manure at this rate, plus straw at two to three tons per acre, surpassed it.

Straw applied at the above rate in the spring was generally detrimental to growth and yields but applied in the fall, it was, for the most part, beneficial. Sufficient nitrogen was added with the straw to take care of the requirements of the straw-decomposing bacteria. Applied in the spring and incorporated in the soil, straw appeared to cause more rapid drying of the soil, and this may explain its ill effects at this time of application.

The best yields during the course of this experiment 1941 to 1945 inclusive, occurred in 1944, a year when winter injury was practically nil. Cane growth was less in 1943 than in either 1942 or 1944 and yet, because of freedom from winter injury, the 1944 crop borne on canes grown in 1943 surpassed that of 1943 and 1945. This is a good illustration of the detrimental effects of winter injury on red raspberry yields.

Project 331. French Pear Seedlings and Quinces A and C as Rootstalks for Several Pear Varieties

At the end of thirteen years in the orchard, pear trees budded on Angers Quince are from one-third to two-thirds the size of those on French pear seedling. The former are generally known as dwarf trees, the latter as standard trees. The dwarf trees usually, but not always, commence bearing fruit a little earlier than the standard trees. They require continuous support as a protection against blowing over or breakage at the union. A creosoted post, a fence, or a trellis should be used and should be in place before the planting operation. If the dwarf trees are planted at normal depth they may throw out roots above the union and eventually become standard trees. When a dwarf tree is preferred, it should be planted with the union not less than three inches above the normal soil level and the soil must not be mounded above the union at any time.

The standard trees are now ahead in per tree yields but considering their smaller bearing area, the dwarf trees have been more productive. The fruits from dwarf trees have been slightly larger and higher in colour and quality than the fruits from standard trees.

Some dwarf trees were planted deeply, with the union about six inches below soil level. This is supposed to result in rooting (scion) above the union, giving ultimately a more or less standard tree on its own roots. Under Vineland conditions, this occurred very slowly. The "deep" trees behaved very similarly to the "shallow" trees for the first five years showing that scion rooting has not yet become a factor in growth. Then the deep trees of Clapp Favorite and Anjou began to forge ahead of the shallow trees in trunk growth. After nine years the same trend was noted in the Bartlett variety but even now, at the end of the thirteenth year, the deep and shallow Vermont Beauty on Angers Quince are exactly the same size—but the yields are 50 per cent higher for the shallow trees. All things considered, it is doubtful if there is any gain in the deep planting of dwarf pear trees.

Quince C, in a ten-year-old planting, has given trees about half the size and half the yield of those on Angers Quince. It may be useful for varieties such as Vermont Beauty which grow too vigorously on Angers Quince. For Bartlett and Howell on Quince C extra feeding will be required to maintain sufficient vigour.

Project 432. Experimental Shipments of Fruit From Vineland (In Co-operation With the Ontario Fruit Branch)

Ten experimental shipments of peaches were made in 1945. The Ontario Department of Agriculture made men available for taking destination records on these shipments. As a result much more complete data were gathered than had been possible in previous years.

Toronto and Ottawa consumers were very displeased with the general run of Ontario peaches with respect to both maturity and rot. In Northern Ontario there was much less complaint. In our experimental lots, peaches picked at or near the time of disappearance of the green from the ground colour, with pressures from 4 to 12 pounds on the pared cheeks, gave entire satisfaction.

At the time experimental shipments were made, seven baskets of a grower's pack were obtained at the shipping point. Five of these baskets were shipped with the experimental pack and the other two were taken to the Experiment Station. Here the fruits of one basket were tested for pressure immediately and the other basket was held at 70°F. When these fruits were at the best canning stage, rot records were taken and the fruit was sampled for sugar, acid and taste.

In most cases the growers' packs were of considerably lower maturity, took longer to ripen and, at the ripe stage, were inferior in quality as judged by sugar, acid and taste. There was also too high wastage from rot in many of the commercial lots. Where fruit has to be kept for 4 to 5 days to become usable, those firms handling the fruit, or the consumers, have to take an appreciable loss. The rot control spray program of some growers leaves much to be desired; for instance, not one of the growers from whose packs samples were obtained had applied the prepick spray. In some cases previous rot control sprays had been omitted or poorly timed.

Many peach orchards on the better soils in the Niagara District are forced by heavy feeding, heavy pruning, or both, into very vigorous growth. Under these conditions the fruits are often over-large, of poor colour, inferior quality, fuzzy, slow to ripen and of poor carrying qualities. For mature trees, five years and up, a terminal growth of from 8 to 16 inches at the ends of main branches seem to be a reasonably satisfactory state of vigour.

PLANT BREEDING

Hybrid Corn 1. The Production of F_1 Hybrid Sweet Corn Seed of Vinecross B4 and B5 for Commercial Use

Commercial production of seed of the Vinecross B4 hybrid has been discontinued in favour of B5, the latter being practically as early and otherwise more desirable. Vinecross B5 is being produced commercially by a seed grower in Essex County and supplied by him to several distributors. The Experiment Station has supplied seed in quantity of the two inbred parent lines—Vineland Inbred Bantam Numbers 1 and 3. This seed is grown under the regulations of the Canadian Seed Growers Association, and registered as Foundation Stock. Experience has shown that the best way to make the cross for producing the B5 hybrid is No. 3 x No. 1 rather than the reciprocal No. 1 x No. 3, as No. 1 is the better pollen producer.

Sweet Corn 1. Improvement in Market Requirements, Particularly Yield and Quality

In addition to the B5 hybrid a new hybrid tentatively known as P39 x V1, is being produced. The parent inbred strains are Purdue 39 and Vineland Inbred Bantam No. 1. It is a larger type than Vinecross B5, 12 to 14 rowed istead of 8, and about the same length as B5. It is quite similar to Golden Cross Bantam which is extensively grown for market and processing. At Vineland the P39 x V1 hybrid is several days earlier than Golden Cross Bantam, and is equal or better in yield and quality. Seed has been supplied to the Lincoln County Corn Club for test.

Two other early hybrids are being tested for yield, quality and ear size. They show promise as first early sorts, coming in with Spancross or a week earlier than Marcross. One of these Station early hybrids is from C 13, a Connecticut inbred, and Dorinny, a small early variety from the tion hybrid derived from Howes Flint and an inbred line of Golden Bantam. Central Experimental Farm, Ottawa. The other is from C 13 by a Sta- Bantam.

Tomato 1. Breeding Greenhouse Tomatoes for Resistance to Leaf Mold Caused by Cladosporium Fulvum

The variety V-121, which, for several crops following its introduction in 1941, was universally highly resistant to leaf mold, was this year reported as completely susceptible from a large number of greenhouses in central and western Ontario. It is apparent that V-121, like its predecessor Vetomold, will soon have to be written off as a mold-resistant variety.

Two other selections V-473 and V-458, have thus far stood up well in a limited number of grower tests, but it is felt that both of them need further improvement before being generally released.

In the meantime, additional resistance factors are being introduced into existing varieties from the wild South American tomato species, *Lycopersicon hirsutum* and *glabratum.* While these species are immune from all the strains of mold to which they have been tested, they are small green-fruited types with otherwise quite undesirable characters. Incorporating their resistance in suitable greenhouse strains is accordingly likely to take considerable time. It seems however, to offer a very distinct hope for the future.

Tomato 5. The Epidemioloy of Cladosporium Fulvum (In Co-operation With the University of Toronto)

There seem to be at least seven parasitically specialized races of the tomato leaf mold fungus in Ontario at the present time. Vetomold is immune from four of these, V-121 is resistant to five and V-473 to six of them, while only the resistance of *Lycopersicon hirsutum* is effective against all seven.

This suggests that only by the inclusion of *hirsutum* resistance into suitable *esculentum* varieties of tomatoes can we hope to cope with leaf mold and this is being carried forward with all dispatch. There is the additional possibility, however, that competition among the forms may enter as a limiting factor and determine their relative severity in each instance. This factor could not operate when Vetomold and V-121 were introduced, because, with each of these, all but one fungus race was screened out by their inherent resistance and the surviving race increased without competition. This phase is difficult to approach experimentally, but physiological race surveys in relation to the crop history of different greenhouses should be suggestive.

From the biological standpoint, and from that of the development of disease resisting varieties generally, the most challenging problem is that surrounding the origin of these successively appearing strains of increasing virulence. When the evolution of the host is artificially accelerated through breeding, that of the fungus keeps pace with it through a mechanism as yet undetermined, but of fundamental significance. This too, is being investigated.

Vegetable Trials 1. Variety Testing Including Major and Minor Crops

In this test are included all the new varieties offered to the growers by seedsmen as well as many standard varieties. Records and brief descriptions are made of all the samples. The list varies from year to year as only the better ones are retained for further test. Over 17 kinds of vegetables are represented as well as occasional samples of unusual or little grown crops such as okra, sweet potato, etc.

Summary of Vegetable Variety Trials

Crop	*No. varieties tested 1945*	*No. tested previous to 1945*
Bean	6	40
Beet	3	25
Cabbage	4	20
Carrot	3	25
Cauliflower	3	20
Celery	5	30
Corn	8	50
Cucumber	6	40
Eggplant	3	20
Lettuce	4	50
Melon	10	40
Watermelon	8	30
Onion	6	30
Pepper	10	34
Spinach	2	20
Squash	4	35
Tomato	45	350
Totals	130	859

Vegetable Trials 2. National Trial Plots of Vegetable Varieties

This is a continuation of the seed sample testing carried out in co-operation with the Canadian Seed Growers' Association and the Seed Division of the Dominion Production Service. Over 20 kinds of vegetables are included in these trials and from 200 to 300 samples are handled each year. Reports sent in include information on season of maturity, uniformity of the type as well as information on the yield and other characters. This information is available to the originator of the stock and is intended to be a valuable guide in the breeding and improvement of new strains of various vegetables.

Vegetable Trials 3. Station-Grower Co-operative Tests of New Varieties of Vegetables Originated by the Horticultural Experiment Station

This is a means of testing a new strain and at the same time serves to introduce it to interested growers. Many requests are still coming in for trial samples of Vetomold and V-121 greenhouse tomatoes. Many of these are from other countries. The Harkness tomato is now being grown extensively in the Niagara Peninsula for the early staking crop and the Station is maintaining a true strain of this variety. Requests for Valentine rhubarb have far exceeded the supply and this has now been distributed to every province in Canada and to growers in six States of the Union.

Asparagus 1. Improvement by Plant Selection

The new asparagus selection Vineland #35 has been distributed to a number of Ontario growers and so far reports indicate that this strain has considerably more vigour, and where plots are in yield, the yield is heavier than commercial strains of Mary Washington. This strain comes from a single plant selection and has been tested along with four other selections and two commercial strains of Mary Washington. The Station will continue to distribute trial samples of this strain until commercial growers are able to take care of the demand.

Melons 1. Resistance to Fusarium Wilt

The work on resistance to the fusarium wilt is being continued from selections of hybrids for desirable type including earliness, desirable colour both of skin and flesh, and good shipping quality. The final test will come when grown on diseased soil in grower's fields. The resistant strains available at present do not seem to entirely meet the approval of the growers as to type.

Cucumber 2. Breeding for Resistance and Bacterial Blight

New breeding work was undertaken in 1944 to secure some measure of resistance to the bacterial blight. Early in the spring of 1944 material consisting of certain hybrids carrying resistance was released by the U.S. Department of Agriculture to us for further improvement. These strains were not marketable in their original form. A number of crosses were made using a Straight 8 and Marketteer varieties, and the resulting hybrids were again crossed to the variety parent. This was done to improve the type and size of the cucumber. Indications so far show that these hybrids have some resistance to the blight and now are quite suitable as far as type is concerned.

EXTENSION

Spray Service

Twenty-three spray letters were mailed to growers on the Niagara Peninsula Spray Service mailing list during the 1945 spraying season. The increase in number of fruit growers in the Peninsula was reflected in a large increase in names on the mailing list.

Names on the Spray Service List

March 31st, 1940	1405
" " 1941	1483
" " 1942	1423
" " 1943	1518
" " 1944	1283
" " 1945	1580
" " 1946	1940

The low figure for 1944 is due to the fact that a large number of growers were slow in requesting that their names be retained on the mailing list when it was revised in the fall of 1943.

An effort is being made to increase the distribution of Vegetable Protection Calendars in the Peninsula. Many growers do not appear to be aware that such a calendar is available.

Meetings Addressed by Members of the Staff

During 1945 members of the staff addressed 46 meetings with an average attendance of 60 persons as compared with 52 meetings and an average attendance of 48 in 1944.

The Station has supplied speakers for the Fruit Growers Forums arranged by the Lincoln County Federation if Agriculture as a substitute for the Farm Radio Forums in the fruit belt. A series of six meetings was held at six points in the county.

Staff members also served as judges at the Beamsville and Welland Fairs.

Visitors to the Station

A large number of growers visit the Station each year for advice and to inspect the variety plantings and see experimental work being done. A fruit growers picnic was held on the adjoining community hall grounds under the auspices of the Niagara Peninsula Fruit Growers Association and the Lincoln County Federation of Agriculture and parties were conducted about the Experiment Station to observe the experimental plots.

Bulletins and Reports

*Bulletin 447. Fruit Maturity and Quality, W. H. Upshall.
*Bulletin 430. Fruit Varieties (revised 1946), E. F. Palmer.
*Report for 1943 and 1944. Horticultural Experiment Station.

Technical Papers

*Stub Grafting as a Supplement to Budding in Nursery Practice, W. H. Upshall, Proc. Amer. Soc. Hort. Sci. Vol. 47. 1946.

Popular Articles

Horticultural Research in Ontario, and its Practical Application, E. F. Palmer, Research in Canada (Chemical Institute of Canada), 1946.

Newer Varieties of Plums, G. H. Dickson. Can. Hort. & Home Magazine, Jan. 1946.

Fruit Maturity Facts and Fancies, W. H. Upshall, Can. Hort. & Home Magazine, Jan. 1946.

Orchard Planning, G. H. Dickson. Can. Hort. & Home Magazine, Feb.-Mar., 1946.

Mimeographs

*Asparagus, O. J. Robb. 1945.

23 Spray Service Circulars.

*Bulletins or Reprints available.

WESTERN ONTARIO EXPERIMENTAL FARM, RIDGETOWN

The season of 1945 was very wet in South Western Ontario. Many farmers were unable to get their crops seeded on account of the very wet spring. Harvesting conditions were also very difficult, as the wet weather extended into the fall as well. The rainfall in May, June, September and October was twenty-two inches:—over half of the total rainfall in a very wet year. The spring opened up very early. The cattle were turned to pasture on the 14th of April. After that, heavy frost damage occurred, which, along with the wet weather, ruined the fruit crop in most localities and did severe damage to the bean, corn and other crops as well.

These weather conditions made many changes in the experimental farm program. Many of the experiments were interrupted badly and others were rendered useless by weather conditions. These conditions also brought many problems of the individual farmer to the staff at the farm. The following plant diseases were particularly troublesome: apple scab, late blight of potatoes and blue mould on tobacco. This is the first time blue mould on tobacco occurred in this section. The late blight of potatoes attacked the early potato crop in July and caused considerable damage.

COURSES IN AGRICULTURE

The regular Farmers' Week was held January 7th to 11th. The program this year consisted of five afternoon sessions and one evening session. The following is a summary of this week's activities:

Date	*Subject*	*Speakers*	*Attendance*
Jan. 7th	Poultry	Prof. J. F. Francis J. J. Neilson	175
Jan. 8th	Field Crops	Dr. G. P. McRostie J. C. Steckley	90
Jan. 9th	Special Crops and Soils	James Bryden N. M. Parks H. F. Murwin	200
Jan. 10th	Cattle	W. P. Watson J. C. Steckley	150
Jan. 11th	Swine	W. P. Watson J. C. Steckley	150
Jan. 11th evening	Agricultural Education	C. D. Graham J. A. Garner	50

January 14th to 18th, a special course for Junior Farmers was held. This course was arranged with the co-operation of the Agricultural Representatives in Lambton, Elgin and Kent counties. Two buses brought the boys from Lambton and North Kent, and one bus ran from Elgin County. The other boys who attended the course came in by car. There were, in all, 184 boys in this course.

Besides the members of the Experimental Farm staff, Prof. E. C. Stillwell of the Animal Husbandry Department, O.A.C., assisted in giving instruction.

There was considerable interest in this course, and 74% of those in attendance were interested in taking a two-year course, if available. The educational standing of this class was as follows:

Public School only	33%
1st year Secondary School	16%
2nd year Secondary School	20%
3rd year Secondary School	11%
4th year Secondary School or more	20%

From January 21st to March 1st, a course for ex-servicemen was conducted. The thirty veterans who attended this course were qualified under the Veterans' Land Act, and most of them are farming for themselves this year.

The Township Hall was made available to us for dormitories as it was impossible to procure board for them in private homes. These boys came mostly from South Western Ontario and the course was organized so that special emphasis was placed on farm problems that are particularly prevalent in South Western Ontario Agriculture.

Assistance was obtained from the local High School staff for instruction in mechanics. This instruction was given two nights a week and on Saturday morning.

WESTERN ONTARIO GRASSLAND SURVEY

During the late fall and early winter months, a survey was made of the grass farms of Western Ontario. The following townships were selected: Warwick in Lambton, East Williams in Middlesex, and Stephen in Huron. The following table is a summary of the survey:

	East Williams	*Warwick*	*Stephen*
Number of farms visited	337	719	466
Pasture farms	142	230	109
Farms under 100 acres	27	247	125
Farms with bush	117	113	46
Farms classified good	74	109	129
Farms invested with thorns and weeds	126	150	
Farms operated by men over 60	84	163	107
Farms with no house	100		53
Farms with no barn	99		53
Farms located on highway or county road	132	154	129
Rented farms	66	99	59

The township of East Williams is largely clay loam and is fairly typical of land in Western Ontario which has been devoted to beef cattle grazing. In Warwick township, there is some of this same type of land, but in most cases the land left for grazing purposes is very wet and in need of drainage. In Stephen township most of the land that is left in grass is a light sand with an unsatisfactory subsoil.

It is clearly indicated that pasture land requires fertilization, better varieties of grass, and some definite form of management. The three main problems is the eradication and control of thorn apples, wild carrot and bull thistle. Some of this land could be profitably put back into mixed farming. Considerable acreage could be left in grass with improved methods of management, while in the remaining areas, the need for reforestation is indicated.

ANNUAL SALE

The annual sale of purebred live stock was held on August 22nd. Only swine was included in this year's sale. There were 59 pigs sold, and 34 of them stayed in Kent County. The top price sow brought $102.50; the top price gilt, $52.50, and the top price boar, $55. The bred sows averaged $74; the gilts, $34, and the young boars, $38. The total of the sale amounted to $3,002.50.

Live Stock

There was little change in the live stock program during the year except to discontinue feeding steers during the winter months. With a little larger area devoted to pasture, it was thought desirable to increase the shorthorn herd somewhat. In this way, all male calves will be raised as steers, as the return last year indicated 6 baby beef calves returned as much revenue as feeding 15 head of two-year-old steers. The Shorthorn herd now numbers about 35 head as a few heifers were purchased during the year.

The Yorkshire herd, consisting of 14 sows and 2 boars, is being operated in much the same way as in previous years. The sales from this herd amounted to around $6,500 during the year. Most of the sows were sold at the annual sale with the exception of some of the young ones which were sold to the Ridgetown Boys' Club.

When the farrowing pen was constructed in 1938, floors of different material were built. In some pens, planks were laid for the sleeping beds; in others, macadam, similar to those used on the roads, were put down. A sawdust and cement mixture was also used in comparison with the regular sand and cement floors. This year the plank and macadam will be replaced with cement as they are both worn out. The sawdust and cement finish are still in good shape and are warmer floors than where the regular floor was used.

No new pasture plots were laid down for experimental purposes during the year. One of the items that is useful in testing pasture plots, namely—length of life, can now be reported. In 1939, several varieties of grass were put down in separate plots as well as in mixtures. The mixtures are still good stands, while many of the individual plots are pretty well killed. In some cases this was owing to very heavy pasturing from the cattle on very palatable varieties. but in most cases, it was due to the nature of the grass. In all probability, some of these grasses would behave differently on different soil. The soil used in this test was low with a mixture of clay, sand and muck. The following is a summary of these plots:

Variety of Grass	*Date of disappearance of 75% or more of stand*
Crested Wheat	1940
Perennial Rye	1941
Meadow Fescue	1944
Timothy, all strains	1945
Parkland Brome	1946

Varieties still in good stand in 1946

Orchard Grass
Creeping Red Fescue
Kentuck Blue
Canada Blue

The following is the same varieties of grasses rated for palatability:

Parkland Brome
Timothy, all strains
Canada Blue
Meadow Fescue
Orchard
Kentucky Blue
Perennial Rye
Creeping Red Fescue

FIELD CROPS

CORN

The corn work at the Experimental Farm is conducted as one section of the Ontario Corn Committee. Besides growing crossing stocks for our hybrid seed producers, variety tests are conducted each years. The following table will give a summary of the test in 1946:

Hybrid	*Plant Height ins.*	*Lodging %*	*Maturity Moist. in Grain at Harvest*	*Shelling %*	*Shelled Corn per acre (15% moist.) bus.*
Canada 531	98	2.1	41.9	84.4	77.3
Canada 606	104	4.2	43.1	85.6	80.0
Canada 645	102	2.5	43.8	85.4	84.2
DeKalb 239	99	8.3	42.1	85.5	86.2
DeKalb 302	96	8.3	41.8	83.5	75.2
Disco 106	104	7.1	43.7	81.2	73.9
Funk G 1A	98	8.3	40.3	82.9	68.0
Funk G 24	95	6.3	40.4	82.0	77.4
Funk G 186	96	6.7	41.1	83.9	75.2
Funk G 189	97	8.8	41.1	84.9	83.6
Funk G 187	98	4.2	42.4	85.1	77.2
Harrow 452	100	7.1	40.4	85.5	81.4
Harrow 453	105	11.3	40.7	87.5	84.7
Harvic 300	101	2.9	41.8	84.4	77.8
Harvic 333	100	5.4	46.7	82.3	78.8
Hoosier Crost F138	101	3.7	47.4	82.5	76.9
Jacques 1051J	99	7.1	41.8	83.3	74.8
Jacques 1050J	99	7.5	42.5	84.9	71.0
King W14	105	6.7	43.9	81.3	72.7
King W16	106	4.6	46.4	80.3	78.1
King 83	108	4.2	49.5	82.3	74.3
Moews 15	98	3.3	44.8	84.5	78.3
Moews 14	101	7.1	45.6	81.4	77.9
Pfister 50A	93	10.8	41.2	83.9	72.3
Pfister 60	100	2.9	42.3	82.9	72.3
Pfister 299	104	6.3	45.9	81.0	85.8
Pfister 4897	102	2.5	49.4	81.0	75.9
Pioneer 359	94	7.5	39.7	84.6	76.1
Pioneer 379	96	2.9	41.4	84.2	73.2
Pioneer 359A	95	5.8	41.7	85.4	78.8
Pioneer 342	102	5.0	43.8	85.2	88.4
Pride D44	95	6.3	41.9	81.9	70.1
Pride D56	99	2.5	46.2	83.5	71.4
Reid 107W	99	16.3	40.4	84.9	70.8
Reid 104	102	2.9	40.8	88.4	78.9
Reid 95	100	7.9	43.7	86.6	75.5

WHITE BEANS

During 1945 more variety tests were attempted with white beans. Weather conditions interferred with the harvesting of these to such an extent that it was impossible to get accurate yields on any of the plots except the one at the Experimental Farm. The following table will give a summary of the yields of the different varieties tested in 1945:,

2562A	35.5	bus. per acre
Michelite	34.6	
Corvette	31.6	
Guelph Selected Robust	27.7	
E. F. R.	29.8	
Grainier	29.5	
A142	28.6	
Robust	27.6	
CD2260	24.5	
2486A	22.7	
2486B	21.3	
Baby Limas	36.0	
Pinto	20.0	
Red Kidney	19.0	
Yellow Eye	15.0	

SOY BEANS

The following table gives the yields of the different soy bean varieties tested at the Experimental Farm in 1945:

Manchu	30	bus. per acre
Hudson Heights	29.2	
Lincoln	29.0	
Harrow 81B	29.0	
AK	28.7	
Harmon	28.2	
Richland	27.5	
Mandarin	25.2	
O.A.C. 211	25.0	
Cayuga	24.2	
Kabott	17.0	
Goldsoy	14.2	

WHEAT

The Experimental Farm has been co-operating with the Ontario Wheat Committee, running tests of different varieties of Fall Wheat. The following table will give the yield and weight per measured bushel for 1945:

Variety	*Yield per Acre*	*Weight per Bushel*
Nured	38.6 bus.	61 lbs.
2619A	38.3 “	58.5 “
Yorkwin	37.5 “	58.0 “
Cornell 595	37.0 “	57.5 “
Thorne	37.0 “	59.0 “
Nigger	37.0 “	61.0 “
Dawsons	35.9 “	58.0 “
Wilsons	35.2 “	61.0 “
Fairfield	34.6 “	58.0 “
Ridgetown	33.3 “	61.0 “
104 x 101	33.3 “	59.0 “
Dawtas	32.6 “	58.0 “
Rideau	32.2 “	59.0 “
Dawbul	33.2 “	59.5 “
Junior 6	31.2 “	58.0 “

WINTER BARLEY

Winter barley continues to be an important crop on the Western Ontario Experimental Farm. At the present time four varieties are being tested: Tennessee, Belgian, Kentucky and Wong. All of these varieties yield higher than the spring varieties under local conditions. The Tennessee, Belgian and Kentucky are all bearded varieties. The Wong is beardless, and is increasing in popularity as it is a very stiff straw and does not lodge as much as the other varieties.

SEED CLEANING PLANT

The seed cleaning plant has been in operation since the 1937-38 season. The following summary will give an outline of the work which has been accomplished during the past eight years:

	bus.	*bus.*	*bus.*	*bus.*	*bus.*	*bus.*	*bus.*	*bus.*
Variety	*'37-8*	*'38-9*	*'39-40*	*'40-1*	*'41-2*	*'42-3*	*'43-4*	*'44-5*
Wheat	5716	5213	4461	4034	3280	2377	3973	3200
Oats	2228	2728	2781	1960	2311	2650	2260	3195
Barley	224	235	304	230	220	393	351	669
Mixed Grain	62	247	359	308	323	131	909	425
Beans	1412	1334	1261	1000	1027	1106	706	500
Corn	120	149	177	210	528	1240	905	1350
Soy Beans								342
Buckwheat	7			4		26	9	
Rye		9		18		60		87
	lbs.	*lbs.*	*lbs.*	*lbs.*	*lbs.*	*lbs.*	*lbs.*	*lbs.*
Red Clover	6465	3910	15705	5180	14400	808	9880	9220
Alsike	920	460	480	310				
Alfalfa		250	10005	1940	3302	250	335	8630
Sweet Clover	713	1690	1115		748	5400		710
Timothy	409		6835	3645	500	6553	9100	2285
Red Clover & Alfalfa			675		670			
White Dutch			255					
Millet		4800	1750				600	
Michels Hybrid Grass							2500	4480
Sudan Grass							200	
Ladino							175	60
Radish			250					
Speltz				334				

FERTILIZER

Since the advent of the corn picker, the problem of getting rid of corn stocks has increased in South Western Ontario. An experiment was conducted in 1945 to determine the best method of incorporating corn stalks into the soil.

		Yield per acre of oats
Plot No. 1	Corn stocks were removed	64 bus.
Plot No. 2	Corn stocks were ploughed under	62 bus.
Plot No. 3	Corn stocks were ploughed under with 200 lbs. cyanamid per acre	84 bus.

ERIEAU MARSH

During 1944 growing season, as was previously reported, it was found by means of analysis of 123 soil samples that the pH, the nitrogen, phosphorus, potash, calcium and magnesium levels were suitable for the production of onion crops on the Erieau muck areas. Despite this there were considerable areas where 'yellowing' of onion tops occurred with a subsequent reduction in quantity and quality of onion bulbs. The Committee formed for the purpose of investigating this trouble thought that this 'yellowing' probably indicated a lack of one or more minor elements and that experimental work concerning these should be carried on the following year.

Two muck areas were chosen for this work; one on the property of Frank Srokosz where 'yellowing' occurred over the whole area annually, and the other at Hector Vermeesch's where 'yellowing' was irregular both as to area and annual appearance.

On May 2nd, just as the onions were commencing to appear through the ground, the following applications of dry fertilizer were made on each of the two properties.

Copper sulphate at 50 lbs. per acre, manganese sulphate at 50 lbs. per acre, iron sulphate at 25 lbs. per acre, boxax at 25 lbs. per acre and a mixture of the flour at same rates per acre were broadcast seperately in strips 5 ft. wide and 20 ft. apart. Abundant rains fell after these applications. No results were obtained from any of these applications at any time.

Separate solutions of boxax, copper sulphate and iron sulphate were made by dissolving ½ lb. of each in one gallon of water. For use each solution was further diluted by mixing one-half pint in three and one-eighth gallons of water. A similar solution using 1 lb. of manganese sulphate per 1 gallon of water was also prepared.

On May 25th, 90 ft. strips, 6 ft. wide, on each of the properties were sprayed with the above solutions using a little orvus for spreader and sticker.

No yellowing occurred at any time on the property of Hector Vermeesch and results were obtained from spraying.

Yellowing began early in June on the property of Frank Srokosz and spread rapidly.

On June 20th the 60 ft. strip on this property that had been sprayed twice with manganese sulphate turned from 'yellowing' to green and remained so throughout the season and this sixty foot strip (including thirty foot of it that received a third spray) developed larger leaves and bulbs than did the 'yellow' areas about it.

This result seemed to point conclusively to a manganese deficiency, especially as none of the other elements sprayed on produced any results.

To make still more certain of this deficiency other small 'yellow' areas in the marsh were sprayed and results obtained as follows:

Plot	*Sprayed*	*Turned Green*
F.S.	June 20th & 23rd	June 30th
A.R.	July 3rd & 14th	July 21st
T.B.	July 3rd & 14th	July 21st
G.L.	July 3rd & 14th	July 21st
G.H.	July 3rd & 14th	July 21st

These dates indicate only that greening was observed then; probably there was considerable evidence of it before dates noted.

Further evidence of manganese deficiency on the property of F. Srokosz was shown on fall beets. A strip of these that had a bright red foliage was sprayed with manganese sulphate on July 16th. By ten days these leaves had become a normal green.

GREENHOUSE

For several years the Farm has been co-operating with the Experimental Station, Vineland, and Dr. Bailey, Department of Botany, University of Toronto, in testing varieties of greenhouse tomatoes bred at Vineland Station. Three varieties tested in 1945 showed exceptional promise and resistance to leaf mould.

The experimental work of applying chemicals to greenhouse soils to control nematodes was continued, but definite conclusions must await another year's work.

EXTENSION WORK

Considerable time was given to extension work during the year. Many agricultural meetings were attended and addresses given. Visits were made to farms where special problems were presented. Assistance was also given to numerous Agricultural organizations, particularly to the Kent and Elgin Potato Growers' Association which was organized by the Experimental Farm staff. Some supervision was given during the first year of its operation.

Numerous organizations visited the farm during the year as well as individual farmers presenting their many problems. These problems were numerous; the following list, however, were the outstanding ones during the year: poultry nutrition, late blight of potatoes, blue mould in tobacco beds, and soil problems.

DEMONSTRATION FARM, NEW LISKEARD

FOREWORD

The purpose of a Demonstration Farm is to give leadership in good farm practice and to make available for farmers in the community where situated good seed and stock to improve the local crops and herds.

This year two auction sales of surplus stock were held, one in the early summer of Dual Purpose Shorthorns and the other in the late summer of Yorkshire Hogs. Hogs have been distributed in this way for a number of years and most of the hogs around are now related in some way to the Farm herd. Many of these hogs are now going forward to the Toronto market where they are grading up very well.

This year Holsteins were added to the Farm herd. Twelve females were brought in from the Ontario Agricultural College. These have done well for their first year in the North and will add to the usefulness of the Farm in distributing dairy stock.

Several hundred bushels of registered seed grain are available for distribution. Crop yields on the Farm were well up to average. One field of Cartier gave 71.3 bushels per acre from the thresher. The hay crop, which is largely Alfalfa, yielded up to three tons per acre. The second cutting was put in the silos. There will be a surplus of hay and grain over and above requirements to carry the stock through the winter.

The season opened up early and seeding commenced two weeks earlier than usual but the weather changed and it was well on to June before seeding was completed in some sections.

A change in management of the Farm was made in July. The Farm programme is now being directed through the office of the Agricultural Representative.

LIVE STOCK

Horses

Six work horses are kept. During the busy season we are able to secure bush horses from one of the sales stables for their feed. No foals were raised this year.

Cattle

The herd now comprises fifteen Shorthorn cows, four heifers and eight calves. These are a straight beef type. Twenty-eight Dual Purpose type, including four calves, were sold at auction.

In the spring nine Holstein cows and three heifers were secured from the Ontario Agricultural College. The cows are all on R.O.P. and the latest report shows their production to be from 1,000 to 1,800 pounds for one month with an average test of 3.9%. The addition of the Holsteins extends the service of the Farm to dairymen in supplying them with good breeding stock.

Sheep

Two breeds of sheep are kept. This policy will be discontinued in the near future as it is not practical to keep two small flocks on one farm, especially when the pasture is required for other stock. The flock is wintered under a straw shed. They are dipped and treated for parasites as required. Being in the open with plenty of exercise all winter they produce healthy vigorous lambs with the minimum of overhead cost.

Hogs

Five brood sows have been kept for some time producing two litters a year. All breeding animals remain in an open hut during the winter and are fed outside. Most of the hogs are sold at auction and distributed through the District. The quality of hogs raised has greatly improved during the past few years due largely to this practice.

Poultry

A flock of 450 Barred Rock pullets was put into the laying pens last fall. These were all raised on the Farm. There is a good demand for pullets in the fall. This demand was met in so far as possible from the surplus pullets. Approximately fifteen hundred chicks are incubated, the roosters being sold off at two weeks of age, to avoid crowding.

The eggs are marketed through the local farmers' co-operative.

FIELD CROPS

A five year crop rotation plan is followed—two years grain, two years hay, and one year pasture. Well rotted barnyard manure is applied in the late fall to the new seeding. The fields are plowed in wide lands with high centres for draining.

Hay and Pasture

The hay mixture is mostly Alfalfa with the addition of some Red Clover and Timothy. This mixture has given excellent results for some years. The first crop is cut for hay while the second cut is put into the silo or used for pasture as required.

A permanent pasture plot has been laid down and has given very satisfactory returns.

Grain

Registered Cartier, Ajax and Erban Oats were grown. The Cartier this year gave the highest yield per acre followed by Ajax. Several hundred bushels of this registered grain are available to the farmers this spring. Regent Wheat and smooth awned Barley of Commercial No. 1 grade will be offered for sale.

Several varieties of Hybrid corn have been grown with satisfactory results. The 275 appears to be most suited to our locality.

Potatoes

Potato plot work has been carried on for some years in the Kenabeek area where suitable soil is available. This has been a worthwhile project in demonstrating methods of building up a worn out, run down, weedy soil. Irish Cobblers have been grown and the seed sold to farmers for foundation planting. There are hundreds of acres of suitable potato soil and with an excellent demand from the older parts of the Province for this seed we see no reason why farmers who have soil suitable for potato production should not grasp this opportunity.

EXTENSION WORK

Assistance and co-operation has been given to all Farm organizations.

Several groups have visited the Farm including organizations from the Province of Quebec.

STATISTICS AND PUBLICATIONS BRANCH

The activities of the Statistics and Publications Branch consists principally of the printing and distribution of agricultural publications, and the compilation and distribution of statistical information relating to agriculture in Ontario.

Information is obtained from approximately 75,000 statistical schedules relating to practically every phase of farm production, and the data is made available to the public through the medium of the Monthly Crop Report, the Monthly Dairy Report, the Seasonal Fruit and Vegetable Report, and the Annual Statistics Report. Five thousand copies of each of these Reports are printed in order to meet the demand received from individuals and institutions situated in almost every country throughout the world.

This Department has available a large number of bulletins and circulars dealing with various agricultural subjects, and each year several hundred thousand of these are distributed directly from this Branch, and through the Agricultural Colleges, and offices of the district Agricultural Representatives, to farmers in an effort to disseminate as widely as possible information on improved methods of farming.

During the fiscal year 1945, the following literature was printed:

Annual Reports

Serial No.		*No. of Copies*
	The Report of the Minister of Agriculture	1,650
	Agricultural Societies	3,000
	Entomological Societies	1,500
	Horticultural Experiment Station	5,000
	Horticultural Societies	3,000
	Ontario Agricultural College and Experimental Farm	3,000
	Ontario Fruit and Vegetable Growers' Association	5,500
	Ontario Veterinary College	1,000
	Stallion Enrolment Board	2,800
	Statistics Branch	3,000

Bulletins

Serial No.		*No. of Copies*
360	Farm Water Supply	10,000
370	Testing Milk, Cream and Dairy By-products on the Farm and in the Factory	5.000
371	Buttermaking on the Farm	5,000
372	Soft Cheese Making and Farm Dairy Cheddar Cheese	5,000
392	Pruning the Tree Fruits	20,000
412	Quick Frozen Fruits and Vegetables in Locker Storage	45,000
430	Fruit Varieties	15,000
445	Temperature Control in Relation to the Storage of Food	2.000
446	EGGS—The Production, Identification and Retention of Quality in Eggs	15,000
447	Fruit Maturity and Quality	8,000

Extension Circulars

Serial No.		*No. of Copies*
68	Guide to Crop Production	15,000
69	Helpful Hints on Preparing Meal Mixtures for Dairy Cows	30,000
70	Helpful Hints on the Feeding of Dairy Cattle	30,000
71	Helpful Hints on the Feeding of Swine	40,000
	Orchard Soil Testing Service	3,000
	Recommendations for Soil Management and Use of Fertilizers	20,000
	Farm Housing	5,000

Addresses and Proceedings

Serial No.		*No. of Copies*
	Potato Section, Annual Meeting, Ontario Crop Improvement Association	10,000
	Annual Convention of the Ontario Crop Improvement Association	10,000

AGRICULTURAL AND HORTICULTURAL SOCIETIES BRANCH

AGRICULTURAL SOCIETIES

FALL FAIRS

Weather for 1945 fairs was the worst in twenty years. So many Societies suffered wet fair days, it was feared the appropriation for special weather grants would be too small to be helpful, but all entitled to a grant were paid the full 90% of estimated loss permitted by the act. Many Societies having wet days were not entitled to a grant owing to the rising graph of attendance in recent years. Weather prevented the large receipts anticipated but even much reduced, they were higher than the average of the three previous years. Grants were paid to only 35 Societies. Societies with highest gate receipts for each type of fair are listed.

"B" Class		*2-pay day fairs*		*1-pay day fairs*	
Can. Lakehead	$16,105.00	Oshawa	$4,103.92	Rockton	$2,844.50
Lindsay	14,109.90	Elmira	3,677.40	Erin	2,839.70
Leamington	8,549.50	Collingwood	2,851.00	S. Mountain	2,150.00

In spite of weather over 50% of the Societies reported an increase in gate receipts which in some cases were quite large—e.g. Ridgetown 108%, Ancaster 83%, Duham 80%.

A total of 234 fairs were held, an increase of 5 over the previous year. Parkhill was reorganized holding its first fair since 1940. Ripley and Sheguiandah the first since 1941. Only 8 Societies suffered a reduction in grants due to the amount spent on races compared with 15 in 1944.

Following the trend of recent years, 65% of the Societies reported an increase in exhibitors.

ENCOURAGEMENT TO JUNIORS

There was a notable increase in opportunities being offered to Juniors in three divisions, "A" Public School pupils, "B" Teen age as Club members, "C" Junior Farmers and Junior Institute workers. Some of the most impressive fair openings of the year included a parade of public school pupils who also participated in the ceremonies.

Societies sponsored 158 boy and girl clubs with a membership of 2,564. In addition 26 Societies had attractive exhibits by Girl Garden Brigades supervised by the Women's Institute Branch.

Co-operating with Breed Associations and assisted by grants from the Ontario Live Stock Branch, Societies sponsored the following special county or regional and championship Breed shows:

Holstein Friesian	40
Holstein Friesian Championship	4
Ayrshire District Shows	14
Ayrshire Championship Shows	2
Shorthorn District Shows	8
Ontario Yorkshire Breeders District Shows	6
Ontario Swine Breeders Championship Shows	3
Sheep Breeders District Shows	5
Sheep Breeders Championship Show	1

An outstanding show among these was the 20th anniversary of Wentworth County Dairy Show at Ancaster. In one paddock 4 rings were in operation at one time with top quality animals of Holstein, Ayrshire, Guernsey and Jersey. Total prize money $1,800, and 367 animals exhibited.

HOGS FOR BRITAIN

With the financial support of packing and other firms' exhibits of bacon hogs for market were prominent features of many fairs. The T. Eaton Co. Ltd., gave the most substantial assistance by offering specials of $30 to each of 70 Societies for pens of 4 bacon hogs. By co-operation of the Dominion Department of Agriculture, educational exhibits of locally produced hog carcasses were displayed at 4 district fairs.

CENTENARY GRANT

While under the policy initiated last year, 9 Societies qualified to receive a $1,000 grant each. Only 3 accepted, the others asked deferment until building conditions improved or contemplated changes in grounds had been completed. An Historical Pylon and Centenary Flag Pole was constructed and unveiled on fair day on the grounds of Delta, organized in 1830; Port Hope, 1831; Ernesttown (Odessa), 1835.

OTHER SOCIETY PROJECTS

Special grants were paid on 163 field crop competitions, an increase of 24. Grants were paid for the maintenance of sires; stallions 1, bulls 66, boars 25, rams 10—Total 102 animals.

A new Society was organized at Denbigh, 70 miles north of Napanee. The Jarvis Society was dissolved. Spring fairs or other special shows were conducted by Moore (Brigden), Arthur, Ancaster, Hensall, Tavistock and Hillsburg. A very successful Christmas show was sponsored by the Walkerton Society with $700 paid in prizes for commercial live stock in addition to horse show premiums. Classes were also provided for "table turnips" and other produce.

Kenora initiated an unique enterprise by the organization of a "Veterinarian Project" to make the services of a qualified Veterinarian available to stock owners.

ASSOCIATION ACTIVITY

The Ontario Association of Agricultural Societies was active in promoting the welfare of Agriculture by giving leadership and encouragement to member Societies throughout the Province.

In spite of warnings about the hotel situation, the annual convention in February 1946 was the largest ever held with 743 guests at the Annual dinner.

Zone meetings were held in every Association District with two being called in several.

Diplomas for outstanding and unselfish service to Agriculture were completed and provided without cost to 66 Societies.

HANDICRAFTS

To promote handicrafts the Association included this subject on the programmes of the 1945 and 1946 conventions. Much inspiration was derived from an exhibit by the Canadian Handicraft Guild at the 1945 meeting. Many Societies increased prizes for handicrafts and hobby work. The Travel and Publicity Bureau of the Ontario Government offered a donation of $18 to each of 50 Societies, the main purpose being to encourage handicrafts of interest to tourists. Prize winning exhibits included:

1. A fine hooked rug with the trillium (Ontario's floral emblem) incorporated.
2. Hand-woven linen.
3. Braided and hooked rugs.
4. Homespun wool articles.
5. Cushions.
6. Ski sets of parka and gloves.
7. Hand-knit sweaters.
8. Furniture from diamond willow.
9. Wood carving.
10. Pine cone ornaments and jewellry.
11. Split ash baskets.
12. Birch bark articles
13. Leather work.
14. A lamp from native quartz.

A special committee of the Women's Division organized a different type of handicraft display at the 1946 convention. Societies and others interested were invited to send in articles and the net result was an interesting craft exhibit with many parts of the province represented and illustrating articles which can be made from local materials and suitable for the tourist trade.

IMPROVEMENT OF GROUNDS AND BUILDINGS

The committee appointed in 1944 collected considerable material on the layout of grounds and plans for buildings and presented a report at the convention. Blueprints and mimeographed copies of plans were made available to Societies contemplating changes. Several Societies planned to use heavy machinery for the levelling and grading of grounds.

THE EFFECT OF WAR ON FAIRS

1. The number was reduced from 307 in 1939, to 225 in 1943 and increased to 234 in 1945.

2. A marked increase in gate receipts.

3. The increased revenues from gates and other sources have permitted more substantial prizes and the expenditure for agricultural purposes has increased approximately 12%.

4. Indebtedness has been reduced and during 1945 mortgage burning celebrations were held at Almonte, Glencoe, Odessa, Renfrew, Welland and Stirling.

5. A decrease in food classes with a definite increase in live stock entries and a new increase in the number of exhibitors.

6. A commendable improvement in judging facilities and staging of live stock exhibits was noticeable at many fairs.

7. Amplification systems have added greatly to the enjoyment and educational value of fairs.

8. Fairs on the average are more attractive. This is partly due to keener competition and better staging but more attention is being paid to amateur competitions and other novelty features for local participation.

9. An improvement in management with particular reference to carefully worked out programmes and printed time schedules.

10. Many properties are showing the effect of war austerity. The shortage of labour and materials has prevented painting, repairs and the general upkeep of grounds.

HORTICULTURAL SOCIETIES

The downward tendency in the number of active Societies has halted and the upward trend in average membership continued. The total membership for 1943 was 20,206, and for 1944 22,923, an increase of 2,217. In 1944 the average Society membership was 140 as compared with 111 in 1939, an increase of 20%. The largest increases in membership in 1945 werer eported by the following Societies: Barrie, an increase of 770%; Sudbury, 331%; Huntsville, 300%; Owen Sound, 82%; Newmarket, 73%, and New Toronto, 47%.

The shifts of population have affected membership and should influence future Society programmes. New homes and new streets offer wider opportunities for many Societies.

The Charlotteville Society was dissolved and a new Society at Capreol organized.

PUBLIC BEAUTIFICATION

Community improvement is becoming more prominent in Society programmes and 75% of Societies reported some enterprise of this nature for 1945. Kitchener expended 75% of total receipts; Waterloo, an amount equal to 90% of membership fees; and Mimico, an amount equivalent to $5.00 a member.

PATRIOTIC ENTERPRISES

Victory gardens in a definite form were sponsored by 40 Societies with some like Ottawa carrying this project through to products canned by pressure cookers. In addition to the Seeds for Britain Fund, donations were made to many other worthy causes. Several Societies planted flower beds, or provided flowers for Military Hospitals, and 4 are establishing "Gardens of Memory".

Acting on a recommendation of the Ontario Association, 21 Societies reported the selection of a municipal floral emblem.

ENCOURAGEMENT FOR JUNIORS

Attention to the young shows a tendency to increase as 63 Societies reported such activities including the distribution of seeds, junior shows, garden and bird house competitions, essay contests and public speaking.

Annual and monthly shows were conducted by 80 Societies and 40 organized garden competitions of various kinds but with emphasis on the attractiveness of home grounds.

ONTARIO HORTICULTURAL ASSOCIATION

The 1946 convention was held at Niagara Falls with an increase in the number of registered delegates and a decrease in the number attending the dinner for which accommodation was limited. Official meetings were held in all of the Association districts except in some sections of the north. District organizations arranged special features such as rallies, picnics, and other outings for the enjoyment and inspiration of Society officers and members. In District No. 5, $1,700 was raised for "Flowers for Sunnybrook Fund" (New Veterans' Hospital).

Association diplomas of merit were awarded to R. F. Downie formerly I.P.S. Peterborough, and Charles S. Clark, Huntsville. The J. E. Carter medal for 1945 was awarded to F. H. Easterbrook, Fonthill.

Seeds for Prison Camps

During the war the Association raised and forwarded to the Royal Horticultural Society of Great Britain approximately $2,000 to aid in supplying seeds of vegetables and flowers for our prisoners of war in enemy countries. Donations by Societies in 1945 for this purpose totalled $475 and the fund is still open.

Maple Trees for British Cemeteries

In 1944 with the co-operation of the Department of Lands and Forests the Association sent a shipment of Maple seedlings to Great Britain for planting in cemeteries containing the graves of Canadian personnel. It was reported these had done well and were ready for moving. Provision has now been made by kind co-operation of the Imperial War Graves Commission to transfer, plant and care for these trees in other cemeteries. and an allotment of $500 from the Seeds for Britain Fund has been assigned to this purpose.

Rural School Improvement Competition

This project sponsored by the Association since 1938 met an encouraging response in the past year and the number of county competitions increased from 11 to 15 and the number of schools entering from 93 to 270.

1. S.S. No. 4—Harvey—(J. E. Carter Trophy)—Peterborough West.
2. S.S. No. 3—Seymour—(P. M. Dewan Trophy)—Northumberland.
2. S.S. No. 2—Hagarty—(Ont. Hort. Association)—Renfrew South.
3. S.S. No. 1—Chaffey—(T. Eaton Prize)—Muskoka.
4. S.S. No. 4—Finch—(T. Eaton Prize)—Stormont.

The Association initiated a new policy to encourage improvement particularly in areas where competitions were not held, by offering a certificate for a school in each township to be selected as having done the best work on school ground improvement and maintenance during the year. With the co-operation of school inspectors who made the nominations, certificates were completed and forwarded for presentation in 214 townships.

School Forestry Competition

On the recommendation of the Conservation and Reforestation Committee and with the financial support of the chairman, Mr. J. E. Carter, and the Ontario Conservation and Reforestation Association, a new project was undertaken in 1945 with satisfactory results.

Zone	*No. Entries by zones*	*1st Prize Winner in each zone*	*The Provincial Winners*
1.	18	S.S. #7, Blenheim Twp.	1st S.S. #12, Haldimand.
2.	41	S.S. #25, N. Dumfries Twp.	2nd S.S. #25, N. Dumfries Twp.
3.	11	S.S. #1, Garafraxa Twp.	3rd S.S. #7, Blenheim Twp.
4.	8	S.S. #12, Haldimand Twp.	4th S.S. #1, W. Garafraxa.

The Association is assisted and encouraged in these school projects by a special committee with representatives of the Ontario Departments of Education, Lands and Forests, Planning and Development, and Agriculture.

Other Association Services

Diplomas for unselfish service in Horticulture were completed for 36 Societies. Record book supplies sent to 20, and sets of slides provided for 20.

"Horticultural Society News" was published during the year by kind co-operation of the publishers of Canadian Horticultural and Home Magazine.

Meetings and Field Services

The field man in this Branch delivered 46 addresses to Horticultural Societies, 45 at Service and other Welfare organizations, 32 major talks at teacher and other school meetings, and many short addresses at secondary and public schools. Approximately 100 days were spent in demonstrating, inspecting and consulting on school and garden improvement and in judging provincial and other horticultural competitions.

ONTARIO PLOWMEN'S ASSOCIATION

An International Match was not held owing to restrictions on travel and shortage of labour. Activities of the Ontario Association were confined to the holding of an annual convention and the encouragement of Branches.

Stimulated by prospects of an International Match in 1946 and the appeal of the programme announced, branch delegates and others interested in the plowing and farm machinery, made a record attendance at the Annual Meeting. The guest speaker was Arthur W. Turner, Ass't Chief, Bureau of Plant Industry, Soils and Agricultural Engineering, U.S. Department of Agriculture, Beltsville, Maryland.

Branch Activities

Weather in the autumn was most unfavourable. Fields for plowing were wet, and farm work so delayed that each fine day was precious. In spite of this, Branch Officers managed to increase their service as 2 more matches were held than in the previous year and there were more educational demonstrations.

	No.
Branch Matches	61
Home Plowing Competitions	5
Junior Matches	4
Dynamometer Demonstrations	14
Match Day Banquets	36

The largest township match was conducted by the North Dumfries Branch with 53 entries. Halton and "King and Vaughan" each had 43, and Oxford 41.

Displays of machinery, labour saving devices and educational demonstrations were features of many matches. The Halton branch introduced an innovation by demonstrating the use of heavy machinery in land improvement. A bull dozer was used to demonstrate the use of this equipment in the opening of drainage channels, the filling in of gullies, the removal of hedge rows and the removal of large green stumps.

FARM IMPLEMENTS

This branch continued to give every assistance possible to farmers handicapped by their inability to purchase the number of machines required for heavy production with a short labour supply.

Considerable time was spent also in promoting the interests of Ontario farmers in the distribution of War Assets. While the government and municipalities are entitled to priority privileges, general sale is through usual channels of trade and therefore, difficult to estimate. Through specal provision made by the Ontario Federation of Agriculture, Ontario farmers purchased 684 trucks at district auctions held at London, Chatham, Guelph, Markham, Kingston and·Toronto.

COMMUNITY HALLS ACT

Plans are under way in many communities to provide better facilities for educational and recreational activities by the building or enlargement of halls and the establishment of community parks. Work in this connection has increased greatly in assisting committees seeking advice and applying for grants by authority of this act.

LIVE STOCK BRANCH

INTRODUCTION

1945 will go down in history as the year in which World War 2 came to an end exposing to the eyes of the world a continent left destitute and starving. The apparent need for food became greater than at any time during the actual conflict, and all major food producing countries were implored to share their bountiful supplies with the less fortunate people of Europe. Canada responded in a generous manner, shipping millions of bushels of wheat and about 713 million lbs. of meat. Most of the latter product was sent to Britain but a portion of it was sold to UNRRA for distribution on the continent. Meat rationing was re-introduced in Canada on September 1st in order to increase supplies for shipment overseas.

Meat production declined about 1.5% from the all time peak of 1944. Hog marketings represented the greatest decrease, a drop of 33%, but this was offset to a considerable extent by increases in cattle, calf and lamb marketings. Ontario held her position as the premier live stock province of the Dominion, producing 30% of the cattle, 31% of the calves, 30% of the hogs and 25% of the lambs. Live stock continued to provide the major source of farm income with cash returns of $191,822,000 from the sale of dairy products heading the list. Cash income from other classes of live stock were as follows:- cattle and calves $86.288.000; hogs $80.652,000; sheep and lambs $3,860,000. and horses $1,628,000.

ONTARIO LIVE STOCK MARKETINGS

5 YEAR PERIOD

Year	*Cattle*	*Calves*	*Hogs*	*Sheep & Lambs*
1945	606,436	262,586	1,806,668	309,406
1944	459,943	235,185	2,108.734	258,803
1943	408,821	216,319	2,029,228	236,170
1942	457,727	268,551	2,021,591	229,070
1941	534.055	298,776	2,326,623	244,740

HORSES

Horse breeding reached an all time low for the past decade in 1945. Inasmuch as the trend has been in that direction for a number of years the percentage of colts and young horses is gradually diminishing and if continued will soon result in Ontario being populated by old worn out horses. Throughout most of the year horse prices were at depression levels. During the fall a European mission purchased a number of horses in Western Canada but it was not until agents of the French Government began buying in Ontario in the early winter of 1946 that prices showed any signs of strengthening. Prices remained fairly strong during winter months with Ontario buyers, particularly tobacco growers, supplyng the keenest demand. It would now appear that Ontario farmers will have to give greater consideration to increased horse breeding or be prepared to face a short supply and probably higher prices a few years hence.

The stallion population of Ontario registered an all time low in 1945 when 859 horses were enrolled as compared with 1,688 five years earlier and 1,166 in 1935, one of the worst years of the depression. Stallions enrolled in 1945 included 193 Form 1 horses, 161 in Form 2, and 505 in Form 3. Horses in the two top grades were eligible for premiums of $1.50 and $1.00 respectively for each in-foal mare provided 5 or more were left with foal. 119 Form 1 stallions qualified for premiums totalling $5,355, while premiums amounting to $2,544 were paid to the owners of 91 Form 2 horses. Premiums paid direct to stallion owners by the Dominion Department were in amounts equal to 75% of the Ontario contributions.

HORSE SHOWS

The Ontario Live Stock Branch continued its policy of assisting local horse shows by making grants equivalent to 50% of the prize money paid out, up to a maximum of $200 per show. In cases where all local associations in a county combined to form a county association the maximum grant was $500, provided an equal contribution was made by the county in which the show was held. Two shows, Perth County and St. Catharines, qualified for the maximum grant in 1945. Following is a summary of grants paid out during the year:

Elora Spring Show	$ 60.50
Clinton Spring Horse Show	200.00
Perth County Horse Breeders' Ass'n.	500.00
St. Catharines Riding & Driving Club Ltd.	500.00
Linwood Spring Horse Show	169.00
Middlesex County Horse Show	100.00
Toronto Horse Show Ass'n.	200.00
Wingham Horse Show	200.00
Brooklin Spring Horse Show	154.00
Hamilton Wentworth Horse Show	200.00
Elgin County Horse Show	200.00
Total	$2483.50

CATTLE

Evidence of the upward trend in cattle production which started during the early years of the war became manifest in 1945 when marketings hit an all time high. 1,813,840 cattle were slaughtered in the inspected plants of Canada, an increase of 485,781 head over the previous year.

The ban on exports to U.S. remained in effect as a result of the Government's policy of making all surplus supplies available for shipment overseas. Beef exports cleared and/or purchased for early shipment were in the neighbourhood of 342,061,471 lbs. Of this amount approximately 197 millions was shipped to Great Britain either with the bone in or as
receiving the product or to UNRRA for distribution through that agen
1945 exports represented the product of over 600,000 head of cattle, quite
boneless beef. The balance was processed into canned meat and went t
countries on the continent as direct sales to governments of the countrie
the highest number ever shipped from this country in a single year.

The packing industry experienced threatened strikes and slow-downs during the early fall months and when serious repercussions appeared inevitable the Dominion Government seized the plants and operated them until peace and harmony was restored. These same plants handled a record number of cattle during the latter part of the year and week-end hold-overs were kept down to the minimum.

The high percentage of cows and bulls marketed in 1945 indicated a significant trend. Farmers appeared to be taking advantage of present outlets for beef to liquidate their inferior stock. Nevertheless there is still a low percentage of high class cattle and a relatively high percentage of poor quality steers and heifers. The following summary reveals the monthly trend in marketings from the standpoint of both numbers and quality:

SUMMARY OF INSPECTED SLAUGHTER — ONTARIO — 1945

Month	*Total Inspected Slaughter*	*Cows & Bulls No.*	*%*	*Eligible for Red Brand No.*	*%*	*Eligible for Blue Brand No.*	*%*
January	334,770	12,243	35.2	2,589	7.4	5,549	15.9
February	38,774	12,593	32.4	3,613	9.3	7,428	19.1
March	44,546	14,014	31.4	4,456	10.0	8.737	19.6
April	31,635	9,019	28.5	3,560	11.2	6,330	20.0
May	35,465	10,744	30.3	5,059	14.3	6,613	18.6
June	25,823	9,416	36.5	3,325	12.9	4.011	15.5
July	27,224	9,233	33.9	3,984	14.6	4,768	17.5
August	37,111	12,044	32.4	4,590	12.3	6,151	16.5
September	40,836	13,160	32.2	4,209	10.3	6,692	16.3
October	46,076	15,880	34.4	4,556	9.8	7,270	15.8
November	63,935	24,686	38.6	3,980	6.2	8,552	13.3
December	34,590	12,482	36.0	3,031	8.7	5,042	14.5
12 months	460,785	155,514	33.7	46,952	10.1	77.143	16.7

Canadian dairy cattle were in great demand in other countries in the Western Hemisphere. Exports to U.S. totalled 68,719, while shipments were also made to Mexico, the West Indies, Columbia and other countries in South America. Ontario furnished 26.242 cattle for U.S. and most of those shipped to Latin America.

RESTRICTED AREAS

Due to the shortage of manpower restricted area testing has not kept pace with demands during the war years. At present most counties in the province have signed the necessary petitions and those that have not had their initial test are anxiously waiting. The status of the work in those counties where testing was conducted during the year is as follows:

INITIAL TESTING 1945 - 1946

County or District	*No. Herds*	*No. Cattle*	*No. Reactors*	*% Reactors*
Algoma	1207	15337	104	0.67
Cochrane	1456	12779	169	1.32
Haldimand	2046	29308	784	2.67
Wellington	4677	92504	4514	4.88

RETESTS

County or District	*Test*	*No. Herds*	*No. Cattle*	*No. Reactors*	*% Reactors*
Essex	2nd general	4566	33105	377	1.14
Halton	3rd “	1405	24338	69	0.28
Lanark	2nd “	1418	30167	115	0.38
Leeds	4th “	2509	50910	82	0.16
Peel	3rd “	1762	33547	253	0.75
Rainy River	2nd “	1172	12738	5	0.04
Thunder Bay	3rd “	1927	14226	9	0.06
Waterloo	2nd “	2665	45556	248	0.54
Wentworth	2nd “	1952	21899	79	0.36
York	3rd “	2569	41579	556	1.33

Transportation expenses incurred by Federal veterinarians while engaged in area testing were borne by the Ontario Department of Agriculture. Such expenses amounted to $7,704.77 during the fiscal year 1945-46.

ARTIFICIAL INSEMINATION

At the suggestion of the Ontario Cheese Producers' Association and after a member of the staff of the Ontario Live Stock Branch had visited several States in the United States to study procedure, an artificial insemination unit was organized in Leeds County. The Ontario Live Stock Branch loaned the bulls and equipment necessary to practise the technique. The local association agreed to manage the business and collect service fees at the rate of $2.00 per cow. If such fees proved insufficient to cover costs of operations the Ontario Live Stock Branch consented to meet any deficits that might be incurred.

Three Holstein bulls were loaned to the unit. About 950 cows were bred during the fiscal year. The operating deficit paid by the Ontario Live Stock Branch amounted to $1,166.83.

The results to date clearly demonstrate that conception rates are satisfactory when sufficient bulls are maintained to insure adequate supplies of viable semen at all times and where competent inseminators are employed. Aother significant observation is that self-sustaining units cannot hope to operate successfully unless a $5.00 service fee is charged.

During the year another unit commenced operations, with headquarters located at Maple in York County. Officers of the Ontario Live Stock Branch assisted in the organization work. The experience gained with the experimental unit in Leeds proved invaluable in establishing a sound basis for organization. Capital to purchase bulls and equipment was acquired by charging a membership fee of $5.00 and requiring each member to loan $35.00 to the Association. This capital was used to purchase headquarters, four bulls and the necessary technical equipment. Operations commenced on June 6th, 1945, with a membership of 91. By the end of the fiscal year the membership had increased to 125 men owning slightly over 1,500 cows, and two more bulls were purchased.

Plans were made for the establishment of a unit in Oxford County during the winter months of 1946. Over 150 members were enrolled and arrangements were completed for starting operations on June 1st.

CALFHOOD VACCINATION

Officers of the Ontario Live Stock Branch assisted Leeds County farmers in the organization of a calfhood vaccination area. This area includes the territory served by the artificial insemination unit. Under the terms of the plan proposed, the local people were required to obtain the consent of at least 80% of the farmers in the area. If this number approved, the Department, through the Ontario Veterinary College, agreed to provide qualified men to perform the vaccination, conduct post vaccinal blood tests and revaccinate those calves that failed to respond to the original vaccination. This service was to be given for the fee of $1.00 per calf, and was to be considered an experimental project in order to determine the feasibility of such work on an area basis.

Over 90% of the farmers accepted the offer and approximately 1,200 calves were vaccinated. Post vaccinal blood tests revealed the fact that 97.5% reacted to the original vaccination. Farmers in the district are quite enthusiastic about calfhood vaccination as an effective means of controlling that dread scourge, Bang's disease.

WARBLE FLY CONTROL

For some years ranchers in Western Canada have attempted to control warble flies by means of power sprays applied at appropriate intervals. During the winter of 1946 the Ontario Live Stock Branch entered into an agreement with the Goderich township council to test out this method of control. Under the arrangement each party agreed to pay one-half the costs, so that no farmer would be excused from co-operating on account of the expense. Crang Corporation of Toronto provided the equipment and manpower and the first spray was applied in March, 1946. Details regarding effectiveness of treatment and costs will not be available until after final spray has been administered in May.

AUCTION SALES OF PURE BRED CATTLE

The Ontario Live Stock Branch assists breeders' clubs holding consignment sales by providing inspectors to select the animals and also by making grants on the basis of $4.00 per head sold, up to a maximum of $150.00 for any one sale, provided all animals consigned were certified free from T.B. and contagious abortion. When shows were held in conjunction with sales, additional grants of up to $25.00 are available. These contributions have greatly assisted in the distribution of good live stock throughout the province. Herewith follows an analysis of sales receiving assistance in 1945-46:

Association	*No. Head Sold*	*Grant*	*Average 1945*	*Average 1944*	*Prize Money Grant*
All Eastern Ontario Holstein Ass'n.	57	$150	$409.04	$377.86	
Ontario Jersey Cattle Breeders	49	150	343.67	288.65	
North Grey Shorthorn Breeders' Club	36	144	179.44	160.32	$23.62
Grey-Bruce Hereford Breeders' Club	25	100	169.00		25.00
Ontario Aberdeen-Angus Ass'n.	46	150	817.93	577.93	
York County Jersey Club	34	136	259.26	227.31	
Ontario Hereford Breeders' Ass'n.	36	144	351.67	345.66	
National Dual Purpose Shorthorn Ass'n.	31	124	231.12		
Bruce County Shorthorn Club	31	124	144.35	147.61	
Tri-County Shorthorn Club	39	150	149.10	172.21	
Lambton-Middlesex-Oxford Shorthorn Club	35	140	189.43	187.61	
Western Ontario Consignment Sale Co.	47	150	220.00	256.10	
Durham County Shorthorn Ass'n.	30	120	180.83	165.00	
Victoria County Shorthorn Ass'n.	21	84	161.67	171.40	
	517	$1,866	$273.32	$256.47	$48.62

Summary of Sales by Breeds

No. of Sales	*Breed*	*No. of Cattle*	*Total Selling Price*	*Average--Selling Price*
1	Holstein	57	$23,315	$409.04
2	Jersey	83	25,655	309.10
8	Shorthorn	270	49,670	183.96
2	Hereford	61	16,885	276.80
1	Aberdeen-Angus	46	37,625	817.93

SPECIAL CATTLE SHOWS

Special cattle shows may be described as an outgrowth of the war. When the major shows of this province were discontinued breeders began searching for other channels to determine the merits of their animals, and decided upon the special show. These shows are sponsored by breeders' clubs, either county or regional in scope, and are held in conjunction with existing agricultural societies. Entries are confined to the area from which the club draws its membership. The Ontario Live Stock Branch has been assisting clubs in financing such shows through grants equal to 20% of the prize money paid out not exceeding $100 for any one show. Holstein breeders' clubs have been most active, sponsoring 38 shows in 1945. In order to complete the programme, four championship shows were held at which the best from each district were paraded for top honours, and it was from among the winners at these shows that the All Canadians were selected.

Following is a summary of payments made to Breeders' Clubs holding special shows in 1945:

BLACK AND WHITE SHOWS:

	Name of Show	*No. of Cattle*	*No. of Entries*	*Grant*
1.	Norwich (Oxford County)	143	172	$100.00
2.	Ridgetown (Kent County)	137	169	100.00
3.	Leamington (Essex County)	63	91	71.00
4.	Blyth (Huron County)	87	116	97.00
5.	Aylmer (Elgin County)	118	176	100.00
6.	Simcoe (Norfolk County)	105	129	100.00
7.	Dorchester (Middlesex County)	122	160	100.00
8.	Stratford (Perth County)	164	227	100.00
9.	Kincardine (Bruce County)	83	106	89.80
10.	Wyoming (Lambton County)	77	100	82.60
11.	Welland (Welland County)	50	73	43.40
12.	Brampton (Peel County)	130	188	78.80
13.	Waterloo (Waterloo County)	119	148	80.40
14.	Fergus (Wellington County)	124	177	100.00
15.	Ancaster (Wentworth County)	107	136	100.00
16.	Milton (Halton County)	121	159	90.75
17.	Cayuga (Haldimand County)	72	96	55.40
18.	Owen Sound (Grey County)	47	67	49.80
19.	Beamsville (Lincoln County)	54	69	49.00
20.	Vanleek Hill (Prescott County)	72	93	62.40
21.	Maxville (Glengarry County)	96	124	89.20
22.	Newington (Stormont County)	133	177	100.00
23.	Chesterville (Dundas County)	60	95	60.40
24.	Spencerville (Grenville County)	38	51	36.20
25.	Lansdowne (Leeds County)	76	105	76.40
26.	Kingston (Frontenac County)	64	90	83.60
27.	Almonte (Lanark County)	79	113	75.20
28.	Renfrew (Renfrew County)	54	72	60.40
29.	Metcalfe (Carleton and Russell County)	96	138	100.00
30.	Port Perry (Ontario County)	138	193	100.00
31.	Orono (Durham County)	104	153	94.80
32.	Stirling (Hastings County)	94	132	81.20

	Name of Show	*No. of Cattle*	*No. of Entries*	*Grant*
33.	Napanee (Lennox and Addington County)	52	110	45.00
34.	Lakefield (Peterboro County)	96	140	100.00
35.	Picton (Prince Edward County)	54	73	44.00
36.	Warkworth (Northumberland County)	80	118	73.40
37.	Markham (York County)	101	126	64.80
38.	Beeton (Simcoe County)	89	130	71.20
	Championship Shows			
39.	Kemptville	164	204	100.00
40.	Stratford	228	271	100.00
41.	Oakville	203	252	100.00
42	Warkworth	117	152	100.00
	RED AND WHITE SHOWS:			
1.	Glengarry Ayrshire Breeders' Club	110	146	100.00
2.	Stormont Ayrshire BBreeders' Club	58	72	54.00
3.	Toronto District Ayrshire Breeders' Club	117	154	84.60
4.	Hamilton-Niagara Ayrshire Breeders' Club	106	146	74.20
5.	Banner Counties Ayrshire Breeders' Club	95	117	57.40
6.	Southern Counties Ayrshire Breeders' Club	110	132	100.00
7.	Grenville-Dundas Ayrshire Breeders' Club	61	101	62.60
8.	Peterboro-Durham Ayrshire Breeders' Club	60	75	49.00
9.	Leeds-Lanark Ayrshire Breeders' Club	55	67	48.40
10.	Ottawa Valley Ayshire Breeders' Club	64	74	38.80
11.	Ayrshire Championship Show	109	127	100.00
12.	Eastern Ont. Ayrshire Championship Show	111	133	100.00
13.	Central Ontario Ayrshire Breeders' Club	45	58	40.80
14.	Simcoe District Ayrshire Breeders' Club	47	62	37.20
			Total	$947.00
	JERSEY SHOWS:			
1.	Ontario and Durham Counties Jersey Cattle Club	49	49	$ 29.40
2.	York County Jersey Club	107	137	81.00
3.	Lambton County Jersey Breeders' Club	64	74	52.80
4.	Wentworth District Jersey Breeders' Club	83	105	56.40
4.	Peterboro County Jersey Breeders' Club	34	44	25.60
6.	Ottawa Valley Jersey Breeders' Club	58	67	51.40
7.	Perth-Huron Jersey Breeders' Club	30	41	29.20
8.	Halton County Jersey Breeders' Club	72	93	44.90
9.	Waterloo Jersey Parish Club	66	83	54.80
10.	Ontario Provincial Championship Jersey Show	174	221	100.00
			Total	$525.50
	HEREFORD SHOWS:			
1.	Strathroy	31	46	$ 52.00
2.	Lindsay	47	68	85.20
3.	Teeswater	89	127	100.00
			Total	$237.20
	ABERDEEN-ANGUS SHOWS:			
1.	Strathroy	59	77	$ 72.00
	GUERNSEY SHOWS:			
1.	West Zone Reg. Guern. Show (Leamington)	81	101	$ 85.20
2.	Centre Zone Reg. Guern. Show (Ancaster)	71	89	73.40
3.	East Zone Reg. Guern. Show (Richmond Hill)	48	63	50.80
4.	Guernsey Championship Show (Simcoe)	87	106	100.00
			Total	$309.40

SHORTHORN SHOWS:

	Counties			
1. Stratford	Perth, Huron, Waterloo, Brant	93	114	$100.00
	Essex, Elgin, Kent, Norfolk	89	96	100.00
2. Leamington	Ontario Dual Purpose	87	111	100.00
	Grey, Bruce, Simcoe	99	116	100.00
3. Galt 4. Owen Sound 5. Erin	Dufferin, Halton, Peel, Haldimand, Lincoln, Wellington, Welland, Wentworth	76	112	100.00
6. Renfrew	Renfrew, Lanark. Carleton (all Shorthorn breeders in Eastern Ontario east of Hastings County	81	108	100.00
	Middlesex, Oxford, Lambton	98	120	100.00
7. Strathroy 8. Lindsay	(Simcoe County breeders to exhibit at either Lindsay or Owen Sound)	63	103	100.00
			Total	$800.00

COUNTY DAIRY COWS:

1. Brant County Dairy Show	156	205	$100.00
2. Middlesex Dairy Show	60	96	52.20
		Total	$152.20

SUMMARY — SPECIAL CATTLE SHOWS:

42	— Black and White	$3,406.15
14	— Red and White	947.00
10	— Jersey	525.50
3	— Hereford	237.20
1	— Angus	72.00
4	— Guernsey	309.40
8	— Shorthorn	800.00
2	— Dairy Cattle	152.20
84		$6,449.45

SWINE

Canada's hog marketings in 1945 totalled 5,861,073, a decline of 33.9% from the previous year when they reached an all time high. Western Canada registered the greatest decrease, that portion of the Dominion accounting for 41.4% fewer hogs than in 1944. Eastern Canada's decrease was 19.6%. Despite the heavy liquidation in the West, that area still leads, producing 58.2% of our total hogs.

Bacon exports were substantially lower at 449,834,600 lbs. compared with 695,757,400 lbs. in 1944. Only by the strict imposition of restrictions on domestic consumption was it possible to obtain this quantity for shipment overseas.

Ontario again demonstrated greater stability in hog production than other provinces. While marketings were lower the decrease was more moderate at 14.3%. Ontario far outstripped the other provinces in the production of top quality hogs, with 39.8% A's and 44.4% B1's, against a Dominion average of 32.1% A's and 43.4% B1's. At the close of the year signs pointed to a slight decrease in 1946 marketings. but a steady and gradual improvement in quality.

The Ontario hog subsidy of $1.00 on A's and 50c on B1's, instituted in 1941, was continued throughout the year as were the Dominion premiums of $3.00 and $2.00 for A's and B1's respectively. The Ontario subsidy cost the province $1,095,090 in 1945-46. These subsidies and premiums have been important factors in improving the quality of Canadian hogs by providing the incentive to do a better job. Herewith follows a statistical analysis of hog marketings for 1945 and the years immediately preceding:

BACON HOG CLUBS

The bacon hog club policy is applicable in those districts of the province where the quality of hogs is below average, or where circumstances warrant the placing of a boar. Under the terms of the policy boars are loaned to organized groups of not less than six farmers owning a minimum of twenty sows. Each group appoints a caretaker who usually received the service fees as compensation for feeding and caring for the boar. The cost of boars and transporting them is borne by the Ontario Live Stock Branch. During 1945-46 56 boars were purchased at a cost of $3,269 and express charges amounting to $433.40. Herewith follows a tabulation of clubs functioning at March 31st, 1946:

County	*Clubs organized 1945 — 1946*	*Clubs operating March 31, 1946*
Bruce	—	1
Carleton	2	4
Dundas	—	5
Durham	—	1
Elgin	1	1
Essex	—	1
Frontenac	—	6
Glengarry	—	5
Grenville	—	7
Grey	1	1
Halton	1	1
Hastings	7	22
Kent	—	2
Lambton	—	5
Lanark	—	3
Leeds	1	14
Lennox and Addington	—	3
Oxford	—	1
Peel	1	1
Prescott	—	5
Rainy River	—	2
Renfrew	3	18
Russell	—	3
Stormont	—	5
Thunder Bay	—	2
Waterloo	—	1
	17	120

PURE BRED SWINE SALES

The Ontario Live Stock Branch assists breeders' clubs sponsoring consignment sales, by selecting suitable stock and by the payment of grants not exceeding $150 for any one sale per year. Grants paid in 1945 were as follows:

Breeders' Club	*No. Head Sold*	*Grant*	*Average Price*
Eastern Ontario Yorkshire Ass'n.	42	$126	$ 84.33
Stratford District Yorkshire Club	24	48	73.54
Simcoe County Yorkshire Club	45	90	95.72
Ontario Yorkshire Club	66	132	100.68
Grey & Bruce Yorkshire Club	39	78	64.04
South Western Ontario Yorkshire Club	41	82	60.37
Total	257	$556	$ 82.60

REGIONAL SWINE SHOWS

Grants are made available to breeders' clubs for the purpose of assisting them in sponsoring regional swine shows. Such grants are on the basis of 25% of the money paid out in prizes, up to a maximum of $100 per show. As in the case of special cattle shows, agricultural societies co-operate by providing accommodation and a portion of the prize money. Regional swine shows held in 1945 were as follows:

Zone	*Place*	*No. of Swine*	*No. of Entries*	*Grant*
1	Strathroy	118	154	$ 93.50
2	Teeswater	101	195	92.50
3	Galt	110	143	100.00
4	Collingwood	132	147	75.00
5	Lindsay	84	88	100.00
6	Richmond	90	90	87.50
Championship Yorkshire Show, Erin		146	179	100.00
Berkshire Show, Leamington		124	151	100.00
Tamworth Show, Stratford		47	57	54.00
				$802.50

SHEEP

The sheep expansion programmes of 1942 and 1943 were reflected in the form of heavier lamb marketings in 1945. Inspected slaughter for the year totalled 1,165,185, an increase of 21.5% divided as follows: 23.0% increase in Western Canada; 20.2% in Eastern Canada. For the first time during the war Canadian lamb became a factor in Britain's meat supplies, 4,481,000 lbs. having been purchased by the Canadian Meat Board for shipment overseas. In addition approximately 62,622 head of market lambs were exported to U.S. These exports had a stabilizing effect upon Canadian markets.

Sheep marketings were heavier than one year ago indicating a trend towards a lower sheep population for 1946.

WOOL SUBSIDY POLICY

The Wool Subsidy Policy was continued in 1945 in order to encourage the production of clean wool. Farmers whose wool was up to a prescribed standard received a subsidy of 4c per lb. from the Ontario Department of Agriculture, which Department was later reimbursed by the Dominion Department for one-half the amount paid out. Following is a summary of payments made during 1945-46:

No. of applications approved	15,282
No. of lbs. of clean wool	1,841,217
Total subsidy paid	$73,648.68

ASSISTANCE TO SHEEP SALES

Breeders' clubs holding consignment sales were eligible for grants on the basis of $1.00 per lot sold, up to a maximum of $100.00 per sale, with an adled proviso that in no case shall the grant exceed the sale expenses. Two clubs received grants in 1945-46 as follows:

Ottawa Valley Sheep Breeders' Association	$40.08
Grey-Bruce Sheep Breeders' Association	$37.00

REGIONAL SHEEP SHOWS

The Ontario Live Stock Branch co-operates with the Ontario Sheep Breeders' Association and Agricultural Societies in sponsoring regional sheep shows. Five such shows and a championship show were held in 1945. The Branch contributed 25% of the prize money paid out up to a maximum of $100. Herewith follows a summary of 1945 shows:

Zone	*Place*	*No. Sheep Exhibited*	*No. Entries*	*Grant*
#1	Leamington	176	209	$100
#2	Owen Sound	160	147	100
#3	Burford	203	240	100
#4	Lindsay	246	320	100
#5	Almonte	123	163	100
Championship, Woodbridge		396	415	100

LAMB FAIRS

Lamb fairs are held in some of the outlying districts of the province for the purpose of educating producers on matters pertaining to type and to encourage co-operative marketing. Fairs were held on Manitoulin Island for a number of years but in 1944 a co-operative association was organized and most of the lambs produced on the Island were marketed through that association last year.

This action is in line with the Department's policy of assisting groups in an educational way until such time as those groups become well enough organized to conduct their own affairs. Following is a summary of lamb fairs receiving assistance in 1945:

District	*Location of Fair*	*Grant*
Thunder Bay	Fort William	$ 29.50
Temiskaming	Uno Park	30.00
Algoma	St. Joseph's Island	30.00
Kenora	Oxdrift	24.50
		$114.00

BOYS' AND GIRLS' CLUBS

Under the terms of the Boys' and Girls' Club policy, prize money is shared equally by the Dominion Department of Agriculture, the Ontario Department of Agriculture and the sponsoring organization. Ontario's share is paid by the Live Stock Branch. Payments in 1945-46 were as follows:

Type of Club	*No. of Clubs*	*Total Contributions*
Calf	115	$2,028.00
Foal	3	28.50
Swine	32	517.50
Sheep	1	13.50
Poultry	14	162.00
		$2,749.50

The Branch also contributed to the prize offerings at inter-club competitions held at the O.A.C. as follows:

Dairy Cattle	$45.00
Beef Cattle	42.00
Swine	45.00
Foals	9.50
Poultry	17.00
	$158.50

POULTRY

The Ontario Live Stock Branch assists poultry associations by making grants to local poultry shows, and paying salaries and expenses of judges and lecturers at such fairs. Assistance granted in 1945 was as follows:

Number of associations holding shows during the year	13
Number of judges and lecturers supplied	13
Total amount of grants paid to local associations	$598.00
Judges' services	145.00
Judges' travelling expenses	89.02

LIVE STOCK PROTECTION ACT

This act is administered by the municipalities of the province. It was designed to protect live stock owners from losses resulting from live stock being attacked by dogs. In such cases the municipality is responsible to the owners on the basis of awards made by valuators in their employ. If either party, the owner or the municipality, is dissatisfied with the award an appeal may be lodged with the Minister of Agriculture and a special valuator will be sent in to deal with the case, whose decision shall be final. In 1945-46 five appeals were received from sheep owners.

BRANDING OF LIVE STOCK ACT

Under the terms of this act brands are recorded by the Director of the Live Stock Branch. During the year forty new brands were allotted and 152 were renewed, bringing the total number recorded up to 2,992.

LIVE STOCK ASSOCIATIONS

Members of the Ontario Live Stock Branch staff serve as secretary for the following associations:

Ontario Horse Breeders' Association
Ontario Cattle Breeders' Association
Ontario Sheep Breeders' Association
Ontario Swine Breeders' Association
Ontario Yorkshire Breeders' Society
Ontario Berkshire Breeders' Society
Ontario Tamworth Breeders' Society
Ontario Aberdeen Angus Breeders' Association
Ontario Hereford Breeders' Association
Ontario Poultry Association
Ontario Poultry Confederation
Ontario Provincial Winter Fair

The executive work of these organizations is executed by the secretary.

ONTARIO PROVINCIAL WINTER FAIR

A commercial live stock show was held at the Ontario Stock Yards under the sponsorship of the Ontario Provincial Winter Fair during the latter part of November. The entries were the largest for any fair held during the war years, with 373 cattle in the single classes and 19 groups. The grand champion steer was exhibited by Thomas Henderson of Guelph who had won top honours on two previous occasions. The steer sold to Canada Packers at 80c per lb. An outstanding feature of the cattle exhibit was the showing made by members of the Simcoe County Calf Club.

Of the 18 boys who exhibited animals 12 won prizes against some of the best steer feeders in the province, including a reserve championship, two firsts, two seconds and two thirds.

Championship honours in the lamb classes went to Silver Stream Farms of Richmond Hill on the first prize pen in a class of 97. This group was purchased by Canada Packers for 50c per lb. Welden Pettit of Barrie exhibited the first prize pen of 5 hogs and William Pinkney & Sons of Cooksville, the first prize group of 3. These lots sold for 51c and 53c respectively.

All animals exhibited at the show were sold, realizing $74,911.91. Prize money paid to exhibitors totalled $1,952.00.

WOMEN'S INSTITUTE BRANCH

APRIL 1, 1945 TO MARCH 31, 1946

GENERAL

Membership

Number of Senior Women's Institutes in Ontario, March 31, 1946	1,227
Number of Junior Women's Institutes in Ontario, March 31, 1946	40
Total Number of Women's Institutes in Ontario, March 31, 1946	1,267
Membership, March 31, 1946 (approximate)	35,000
Institutes organized during the year	23
Institutes re-organized during the year	4
Institutes joining with other Institutes	2
Institutes disbanded during the year	8

Of the Institutes organized, 6 were Junior and 17 were Senior Institutes.
Of the Institutes re-organized, 1 was a Junior and 3 were Senior Institutes.
Of the Institutes disbanded, 1 was a Junor and 8 were Senior Institutes.

The newly organized Institutes were:

Brant North District	Riverside (Junior)
Bruce East	West Arran
Carleton East	Ridgemont
Dufferin	Lavender
Durham West	Maple Grove
Elgin West	Payne's Mills
Essex South	Cottam Juniors
Grey North	South Sarawak and Keppel, Golden Valley
Halton	Drumquin, Milton Juniors
Lanark North	Beckwith
Lanark South	Rocky Ridge
Lincoln	Victory
Ontario North	Brock Juniors, Uxbridge Juniors
Oxford North	The Grace Patterson
Peel	Rosehill
Perth South	Athlone
Russell	Leonard
Wellington South	Lakeside
York North	Nobleton Juniors

The Institutes which re-organized were:

Brockville District	Fairfield
Halton	Milton Juniors
Renfrew North	Golden Lake
Cochrane	Frederickhouse

The Institutes which disbanded were:

Bruce South District	Bervie
Grey Centre	Balaclava Juniors
Huron East	Rutnam
Ontario North	Goodwood
Muskoka North	Silverdale
Rainy River Centre	Aylsworth
Sudbury	Falconbridge
Thunder Bay	Rossport

District Annual Meetings and Conventions

In May and June 1945 annual meetings were held in 99 districts with representatives from 1,131 Institutes (90.6%) and a total attendance of 9.417, an increase of 990 over the preceding year.

Because of Wartime Prices and Trade Board rulings it was necessary to cancel area conventions, with the exception of one convention which had an attendance of 137. Eleven convention committee meetings were held with an attendance of 271.

The Women's Institute Branch was represented at all district annual meetings.

Correspondence

Circular letters approximated 40,000; personal letters approximated 25,000.

Legislative Grants

To districts $3,594.00; to Institutes $1.725.00; Total $5,319.00.

Literature Printed

Home and Country—4 issues—38,000 copies each.
Co-operative Program in Home Economics—7,500 copies.
How Many Vegetables Did You Eat Today?—2,000 copies (reprint).
The School Lunch Primer—5,000 copies.

FEDERATED WOMEN'S INSTITUTES OF ONTARIO

The Provincial Board held two meetings, April 1945 and November 1945. At the April meeting Miss Mary A. Clarke's resignation was announced and at the November meeting Miss Anna P. Lewis was introduced as superintendent.

Mrs. Hugh Summers was re-elected as Provincial President and Mrs. W. B. Leatherdale was re-appointed as Provincial Secretary-Treasurer. Mrs. Leatherdale's resignation was handed in to take effect the following April.

Special committees were appointed to look after the new hand book, the fiftieth anniversary celebrations, the junior-senior co-operative policy and the women's beverage room question.

The treasurer's annual statement showed receipts of $9.585.42, expenditures of $6,299.17, with a balance of $3,286.25.

Affiliations

Affiliation has been continued with the Federated Women's Institutes of Canada, the Associated Country Women of the World and the Federation of Agriculture. Mrs. Clarence Holmes and Mrs. L. Challand, as directors of the F.W.I.C. Board represented Ontario at the Biennial Meeting in Victoria, B.C. in June 1945.

Letter Friends

To establish closer bonds of friendship and understanding between Ontario Institutes and other groups affiliated with the Associated Country Women of the World the following new letter friends were arranged: Australia 25, England 15, Scotland 2, and Holland 1.

Standing Committees

All standing committees continued to function effectively. The Historical Research Committee is asking that every Institute have a Tweedsmuir Village History established before 1947.

SPECIAL WARTIME ACTIVITIES F.W.I.O.

Central War Charities Fund, F.W.I.O.

Balance on hand, January 1, 1945	$ 1,537.98
Total receipts, Jan. 1, 1945 to Dec. 31, 1945	8,607.77
Total expenditures, Jan. 1, 1945 to Dec. 31, 1945	8,020.95

Outstanding Contributions in 1945:

Seeds for Britain	$ 2,256.56
Canadian Red Cross for Prisoners of War Parcels	1,003.00
Save the Children Fund	911.00
Service League for British Ships	605.00
Navy League of Canada, Ontario Division	555.00
British Minesweepers' Auxiliary	502.00
Red Cross, Ontario Division	393.80
Queen's Canadian Fund	342.78
Sugar and Jam Fund	272.90
Mrs. Winston Churchill Fund	205.00
Miss E. Christmas for British War Relief	200.00
Kinsmen's Milk Fund	158.50
Salvation Army	118.50
Evening Telegram, B.W.V.F.	109.50

Jam for Britain 1945

With the Ontario Division, Red Cross Society, the Women's Institutes of Ontario sent 79 tons of jam, jelly and honey to England for distribution to civilians, especially children, and to Canadian military hospitals. Contributions to the Central Sugar Fund, administered by the Women's Institute Branch, totalled $5,946.81. Because of the scarcity of fruit, $3,062.17 was used to purchase jam and the balance was used for the purchase of concentrated fruit juices for Britain. The Institutes reported local cash purchases of jam or honey to the value of $8,549.62.

Local War Work

As in previous year Institutes have worked steadily and efficiently for the relief of suffering. The following is a partial list of accomplishments over a six months period ending October 31, 1945:

Total money raised	$40,653.94
Gifts to local enlisted men and women	10,128.18
Wool and sewing supplies	2,839.50
War Savings Certificates and Bonds purchased	5,468.30
Knitting—number of articles	15,022
Sewing—number of articles	20,268
Blood donors—number of donors	1,513

Contributions to Other Organizations

Sick Children's Hospital Building Fund	$10,350.00
Princess Alice Foundation Fund	1,236.00

Staff

The staff consisted of a superintendent, ten full-time and four part-time field assistants to teach clothing, crafts, foods and nutrition, administrative leadership and health education; two field assistants in home economics who assist part-time with Senior Women's Institute program and part-time as county home economists; one supervisor of Junior Extension; ten county home economists; one loan librarian; one assistant loan librarian (for junior work), and an office staff of five.

During the year staff replacements and additions included the superintendent, four home economists, ten field assistants and two office staff.

Staff Conferences

In January 1946 a Junior staff conference was held in Toronto and in the Spring of 1946 conferences of all field assistants in the Senior Women's Institute program were held to plan for the Co-operative Program in Home Economics and to prepare for the District Annual meetings.

CO-OPERATIVE PROGRAM IN HOME ECONOMICS

Realizing that the members of the Women's Institutes of Ontario are deeply interested in the maintenance and betterment of home life, and, believing that the Canadian home is the foundation of a satisfying community and national life, the Women's Institute Branch has continued to present a homemaking program designed to promote the development of rural home, family and community life.

District services included one-day conferences (to be followed by local study) in Care of Clothing, Wise Buying of Clothing; two-day local leader training schools in Better Meals with Whole Grain Products, New Ways with Meat and Salads the Year Round; one-day conferences in Household Accounting and Citizenship in the Rural Community; one-day lecture-demonstrations in Health Education; and one-day rallies in Administrative Leadership.

Short courses were offered to local Institutes as follows: Modern Dressmaking and Remodelling—5 days each; Oven Meals, Refreshments and Food for Young Children—2 days each; Home Utilization of Wool—4 days; Knitting and Leather Glove Making—2 and 3 days respectively; Quilts and Quilting—2 days; Braided and Hooked Rugs—5 days each; The Furnishings of the Living Room—2 afternoons and the Time Saving Kitchen—3 afternoons; Health Education—5 days.

DISTRICT PROGRAM

Topic	*Districts Served*	*Meetings Held*	*Institutes Represented*	*Enrolment*
Care of Clothing	10	40	132	937
Wise Buying of Clothing	2	13	29	266
Salads the Year Round	11	30	124	257
Better Meals With Whole Grain Products	2	4	14	27
Household Accounting	6	22	61	576
Health Education	27	98	225	3125
Citizenship in the Rural Community	18	61	161	990
Administrative Leadership	35	67	274	1152

INSTITUTE PROGRAM

Short Courses

Topic	*Number of Courses*	*Enrolment*	*Average Attendance*
Modern Dressmaking	25	348	14
Remodelling	9	96	10
Oven Meals	50	1195	24
Refreshments	29	728	25
Making the Most of Food	1	26	26
Braided Rugs	3	150	50
Leather Glove Making	9	301	33
Quilts and Quilting	8	255	31
The Time-Saving Kitchen	12	304	18
Furnishings of the Living Room	9	269	24
Health Education	3	59	20

LOAN LIBRARY

Number of folders sent to Institutes	5958
Number of Women's Institutes served	1027
Number of letters sent with folders	1027

To assist members in the preparation of programs 5,958 folders were sent out on loan for a two-weeks period. The following classification indicates the interests of the Institutes: Citizenship 1,152, Home Economics 1,142, Agriculture and Canadian Industries 807, Women's Institute Work 755, Social Welfare 505, Historical Research 305, Health 228, Music, Art and Literature 108, Education 107, Unclassified 849.

JUNIOR EXTENSION PROGRAM IN HOME ECONOMICS

Junior Homemaking Clubs

The Junior Homemaking Club program for girls and young women, ages 14 to 26, is planned to give training in home economics, to develop leaders and to promote intelligent rural citizenship. This program is carried on through local leader schools, conducted by the county home economist, which are followed by club meetings and county achievement days.

Units	*Training Schools for Leaders*	*No. of Clubs*	*No. of Members*	*No. of Achievement Days*	*Records of Achievement*
Food and Nutrition Clubs	20	83	436		338
Clothing Clubs	49	183	909		693
House Furnishings Clubs	13	49	261		228
Hospitality Clubs	9	42	228		187
Home Defence Clubs	5	23	131		87
Total	96	380	1965	48	1533

Sixty members participated in the Junior Homemaking Club program at the Belleville Fair, 45 at Stratford Fair, 24 at Simcoe Fair and 97 at Central Canada Junior Day at Kemptville Agricultural School.

Provincial Honour pins and certificates were awarded in 1945 to 35 club members who had completed 12 Homemaking Club units.

Girls' Garden Brigades

Girls' Garden Brigades had a membership of 1,815 gardeners in 1945. Brigades were organized in 48 counties and districts under the supervision of the agricultural representatives and the home economists. Records show over 90% of the gardens in production with 70% of the gardeners completing every phase of the program.

Short Course Schools in Home Economics

Two Three-Month and one One-Month Schools were held during the year at Binbrook, Kohler and New Dundee. Courses in Foods and Nutrition, Clothing, Handicrafts and Health Education were given. The Kohler School at the Haldimand Rural Youth and Agricultural Community Centre marked the official opening of that centre.

Registration records show 67 young women enrolled at these schools.

Junior Women's Institutes

The Junior Institutes, during the year, have become affiliated with the Junior Farmers' Association of Ontario which was organized in April 1944. Through this provincial association young men and women—members of Junior Farmers' Associations, Junior Women's Institutes and other young people's groups—aim to co-operate with other farm organizations in developing agriculture, home life, community spirit and citizenship.

Program kits on topics of special interest to young people—Junior Institutes in particular—have been compiled to assist in planning and carrying on purposeful programs. These kits include articles, publications and references to assist in the preparation of papers and demonstrations and in the planning and conducting of discussions on such topics as: Family Living, Personality, Citizenship, Education and Schools, Today's Women, Make Your Home and Farm Safe and Do You Know the Rules?, Canadian Artists, What to Wear, What We Eat, Flower Arrangement, F.A.O., and Adventuring in Nature.

A special meeting of representative girls throughout the province was called to review the Junior Institute Program with a view to bringing it up-to-date with the trend of times. Two committee meetings were held to discuss the co-operative policy between Junior and Senior Women's Institutes. As a result two Junior Institute members will sit on the F.W.I.O. Board as affiliate members. Other changes will be incorporated in the new Hand Book.

Children Adopted

With money on hand from the British War Garment Fund, the Juniors adopted for a year, fifteen European children through The Canadian Committee of the Save the Children Fund and The Unitarian Service Committee of Canada. Over 350 children's garments were released to these organizations and to the National Clothing Drive. The British War Garments Fund, amounting to $1,987.50 has now been closed.

COMMUNITY NUTRITION COURSE

The Women's Institute Branch co-operated with the Canadian Dietetic Association in the organization and administration of a post-graduate course in Community Nutrition. Each of three home economics graduates, who had been granted bursaries provided by the Canadian Life Insurance Officers' Association spent six weeks with the Women's Institute Branch as part of her nine-month course.

CO-OPERATION WITH OTHER ORGANIZATIONS

The Women's Institute Branch wishes to acknowledge the assistance given so generously by other Branches of the Department, especially the Agricultural Representatives Branch, the Ontario Agricultural College and the Kemptville Agricultural School.

A School for Judges was conducted at Kemptville by members of the Women's Institute Branch together with Miss R. Rorke of the Kemptville staff.

The Women's Institute Staff has co-operated with such organizations as the Women's Division of the Ontario Agricultural Societies, the Junior Farmers' Association, the Federation of Agriculture, the Canadian Youth Commission, the Canadian Red Cross Society, the Consumer Branch of the Wartime Prices and Trade Board, the National War Finance Committee, the Canadian Society for the Control of Cancer, the Health League of Canada, the Universities' Adult Education Board of Ontario and other agencies.

OUTLOOK

The Women's Institute Branch, working with the Senior and Junior Women's Institutes and the Homemaking Club members, looks forward to a period of constructive work in the interests of rural life. With the end of the war in Europe the time seems opportune for expansion and growth. We must meet the challenge of the day and devote our thoughts, time and energy to the solution of the problems of home and family living which face us now and in the immediate future.

To do this adequately will make heavier demands on the staff of the Women's Institute Branch. To meet this need our staff is gradually expanding to include well qualified personnel.

Next year, our Fiftieth Anniversary Year, will bring new and interesting responsibilities.

FRUIT BRANCH

In prevous reports some reference has been made to the influence of prevailing weather conditions upon the fruit production of the Province, and upon the quality of fruit produced. Weather conditions during the year now under review were such that the fruit production of the Province was seriously curtailed. Not in the memory of our older and more observant fruit growers was the production of all fruits, grapes excepted, in all parts of the Province so adversely affected and of such poor quality.

Warm, dry weather in March 1945, followed by a prolonged wet period with below average temperatures, when the fruit plantations were in bloom, was not conducive to good pollination, despite the good bloom in most areas throughout the Province. Weather conditions, unfavourable for a good set of fruit, were very favourable for the development of apple scab and other fungus diseases. Many apple orchards were badly defoliated by the disease.

From statistics supplied by the Dominion Meteorological Office, the record of precipitation at four stations has been tabulated as follows:

Three Month Period	*Year*	*Leamington Sta.*		*Vineland Sta.*		*Collingwood Sta.*		*Belleville Sta.*	
		Total	*Normal*	*Total*	*Normal*	*Total*	*Normal*	*Total*	*Normal*
Jan.-Mar.	1943	5.95	....	8.99	....	9.24	....	8.96	....
	1944	6.57	6.57	6.27	7.28	5.21	5.17	7.38	8.35
	1945	6.3	....	7.6	....	6.1	....	8.2	....
	1946	5.2	....	6.6	....	6.5	....	6.1	....
April-June	1943	14.10	....	11.96	....	4.87	....	10.32	....
	1944	9.21	8.26	9.67	7.72	4.71	6.99	7.92	7.20
	1945	12.0	....	13.9	....	5.3	....	11.6	....
July-Sept.	1943	6.68	....	5.41	....	6.08	....	8.85	....
	1944	8.54	7.22	9.16	7.83	4.23	7.6	6.11	7.95
	1945	8.8	....	13.3	....	1.7	....	11.9	....
Oct.-Dec.	1943	3.68	....	5.97	....	5.44	....	7.35	....
	1944	3.24	6.78	7.39	7.17	9.01	6.97	9.47	7.67
	1945	10.2	....	9.2	....	6.3	....	8.4	....

It will be noted that in the Niagara Peninsula in the April-June quarter, and in the July-September quarter, precipitation was 6 inches above the station normal. The April-June quarter comprises the blooming period. Above normal precipitation, together with temperatures below normal, during this quarter, produced conditions unfavourable for good pollination despite the good showing of bloom. The excessive rainfall also favoured the development of apple scab and other fungus diseases.

PRODUCTION COMMERCIAL FRUIT CROP

The final estimated production of the various fruits in 1945, together with the five year average production, 1940-1944 inclusive, is as follows:

Commodity	*Unit*	*Average*	*1945 Production*	*1945 % Change From Average*
Apples	bus.	2,207,600	549,540	—75
Cherries—sour	bus.	105,831	11,526	—89
Cherries—sweet	bus.	85,998	29,650	—65½
Grapes	ton	27,624	31,531	+14
Peaches	bus.	1,130,000	910,500	—19
Pears	bus.	368,000	46,840	—87
Plums	bus.	156,000	27,415	—82

The production of fruits in Ontario in 1945 was down sharply. Despite the somewhat higher unit value for each fruit, grapes excepted, the total value of all fruits was 20% less than the value of fruits grown in 1944. Production and harvesting costs were higher in 1945, thus the net returns to fruit growers generally were regarded as disappointing.

VEGETABLES

Notwithstanding the unfavourable spring weather and the scarcity of farm labour, the production of vegetables in Ontario, in 1945, was only about 5% below production the year previous. The production of the five major vegetable crops grown under contract for processing purposes was substantially below the 1944 production, as the following table shows:

Purchases by Processors
Major Canning Crop Vegetables—Tons

Commodity	*1944*	*1945*	*1945 % Change From 1944*
Asparagus	1,827.6	1,289.5	—24
Beans—Green and Wax	1,010.6	782.5	—23
Corn	44,861	27,373	—39
Peas—shelled	23,046	19,412	—15
Tomatoes	243,269	144,071	—40

Extension work among commercial vegetable growers and as far as time would permit, assistance to victory gardeners also, was undertaken by Mr. Geo. Rush. Mr. Rush also rendered assistance by judging exhibits at fairs and exhibitions, by addressing meetings of vegetable growers, and in general dealing with the many requests for advice and recommendations.

THE PLANT DISEASES ACT

Dutch Elm Disease Survey

In co-operation with the Plant Protection Division a survey was made to ascertain whether Dutch Elm Disease was to be found in Ontario. Ten high school students and college undergraduates, working with senior officials from Ottawa, undertook scouting operations and collected samples for examination. The disease, European Dutch Elm Disease (Ceratostomella ulmi) has been discovered in Quebec, but in Ontario no trace of this serious disease to elms has yet been found.

Japanese Beetle

The survey to determine the degree of infestation of Japanese Beetle in Ontario was continued during the year under review. School girls were employed, as trap attendants, during the summer months. The survey revealed a concentrated infestation in the Hamilton city area which required appropriate control measures. Elsewhere trapping tests did not indicate any necessity for control measures being undertaken.

Nursery Inspection

Undergraduate women students were appointed to undertake inspection of nurseries, under the supervision of the Provincial Entomologist. These inspectors have proven painstaking and conscientious in performing their duties earning commendation from nursery owners.

Bacterial Ring Rot in Potatoes

A more intensive campaign of inspection of potato fields was undertaken in 1945. This inspection work was under the supervision of the Crops Branch. This disease now appears to have become quite widespread in Ontario. Measures to prevent the spread of the disease were rigidly enforced. In general the regulations passed under the provisions of The Plant Diseases Act,, respecting this disease, have enthusiastic support from commercial growers. The following table summarizes the findings for the years 1943-1945 inclusive:

	Inspected		*Infected*		*Counties Affected*
Year	*Farms*	*Acreage*	*Farms*	*Acreage*	
1943	902	10,000	157	1200	
1944	3000	10,000	463	2800	24
1945	3300	31,000	281	1200	16

Though more farms and a larger acreage was inspected in 1945, it was found there was a sharp reduction in the number of farms and in the total acreage infected wth Bacterial Ring Rot. The publicity given showing the serious nature of this disease, together with close attention to control and eradication, doubtless proved helpful in lessening the disease. Commercial growers realizing the menace of this disease have shown marked co-operation and enthusiasm in an endeavour to stamp out the disease.

Apple Maggot

Publicity through the farm press, by means of public meetings, by radio announcements and through our crew of field men, educational work urged the destruction of hawthorns and of neglected apple trees surrounding individual orchards or blocks of orchards. The application of two apple maggot sprays was strongly recommended. In the fall a token inspection of orchards was made which revealed a reduced infestation in most of the counties recognized as the commercial producers of export apples.

INSPECTION — FRUITS AND VEGETABLES

A staff of temporary inspectors, appointed under the provisions of The Farm Products Grades and Sales Act, operating at Bloomfield, Collingwood, Winona, Simcoe and Essex, inspected samples taken from each load of tomatoes being delivered for processing, and determined the percentages of each grade. In some instances the processor paid for the tomatoes delivered on the basis of the grades determined by the inspector. At other points the inspection work was performed to enable growers and processors to ascertain the value of buying farm products on a grade basis, rather than on the customary field run basis. The inspection of tomatoes being delivered for processing was of an educational nature, undertaken at the request of the Ontario Tomato Growers Marketing Board. This work was under the supervision of Mr. Warren McNiven, senior inspector attached to this Branch.

Throughout the year there has been close co-operation between administrative staffs and inspectors appointed under legislation of the Province and of the Dominion.

Fieldmen operating from Barrie, Brighton and Toronto each have been assigned sections of the Province. A varied extension service has been supplied the horticulturists on approved methods of control of insect pests and plant diseases, on orchard culture and management, and on the packing, distribution and marketing of fruits and vegetables.

PRODUCERS COLD STORAGES

Some further expansion of producer owned cold storage plants was provided in 1945. It appears sound that refrigerated space should be made available at the point of production of perishable commodities there to undertake approved grading, packing, distribution and marketing methods by the producers thereof.

Under the provisions of The Co-operative Marketing Loan Act assistance was given to the following companies to build new cold storage plants, or to enlarge existing facilities.

New Cold Storages

Bradford Co-operative Storage Ltd., Bradford.

Additions to Existing Cold Storages

Georgian Bay Fruit Growers Ltd., Thornbury.
Lambton Growers Cold Storage Co. Ltd., Forest.
Oxford Fruit Co operative Ltd., Woodstock.

The refrigerated space in those producer owned cold storages which have had loans from the Province, now totals 3,659,800 cu. ft. cooler space and 425,215 cu. ft. freezer space. Loans made by the Province to assist in the construction of new storages, or in making additions to storages, are in good standing both as to repayment of principal and the payment of interest.

GOVERNMENT STORAGES

The Thedford plant, owned and managed by the Province, operated throughout the year. There was not the same demand for refrigerated space in 1945 for either eggs or for celery. From operating earnings payments were made to the Province, reducing the equity of the Province in the plant to $22,000.00. Since 1942 Mr. Wm. V. Blewett has acted as manager and engineer in charge, and with his staff has maintained the efficiency of the plant.

The Brighton Cold Storage likewise showed a falling off in revenue during 1945—reflecting the poor apple crop referred to earlier in this report. The manager and engineer in charge has kept the plant and equipment in good order and showed a surplus for the year. The manager on numerous occasions has been called in an advisory capacity to assist in new construction and in operating problems. The Brighton plant has not nearly the capacity required in a normal crop year for storing apples grown in the district.

FRUIT MERCHANDISING TESTS — MATURITY AND SIZING

In co-operation with the Horticultural Experiment Station, Vineland Station, some further trial shipments of peaches were made in 1945. The Experiment Station assembled the fruit, made the tests, compiled the records and arranged the shipments to various consuming centres in Ontario. This Branch examined the fruit on arrival at destination point, ascertained from the retailer the name and address of the consumer as purchases were made, then interviewed the consumer to discover consumer likes and dislikes regarding size, maturity, packages and coverings.

Consumers prefer peaches which are ready for eating or canning within a day or two after they are received from the retailer. Peaches picked when not sufficiently mature, or where the approved sprays for brown rot control have not been given do not give that consumer satisfaction which is so essential to the movement of a large crop, at prices satisfactory to the producer. Further details respecting these tests may be obtained by reading project 432, of the 1945 report of the Horticultural Experiment Station.

DAIRY BRANCH

The provincial cheese subsidy of two cents per pound of cheddar cheese was again paid for the fifth consecutive year to cheese milk producers. However, this year the subsidy was discontinued when cheese ceased to be requisitioned for Great Britain. Consequently, when cheese was released to the domestic trade the ceiling price was allowed to rise two cents per pound with the provincial subsidy being discontinued. The amount of subsidy paid to the producers during the fiscal year of April 1, 1945, to March 31, 1946, was $2,198,331.70 compared with $2,152,194.80 for the previous year.

The Federal Government continued to pay the ten cent per pound butterfat subsidy to all eligible primary producers for cream which was churned into batter. As in previous years, the supervision of this work in Ontario was under the creamery instruction staff. Operators for the most part have now become accustomed to the routine procedure of making these returns and no undue trouble was encountered in regard to the subsidy claims.

Butter production increased about 3.2 per cent over 1944 but was still considerably below normal when compared with previous years. The price structure for butter was unaltered from the past few years, which has been very unfavourable when compared with that for other dairy products. Cheese production increased 16.7 per cent over 1944 and is the highest since 1942. The Federal Government producer subsidy of twenty cents per hundred commencing in the autumn of 1944 was partially responsible for this increase. Favourable pasture conditions during the summer raised milk production generally and all products received their share of the milk, with the exception of condensed whole milk and powdered whole milk which declined 10.0 and 7.8 per cent respectively. Evaporated whole milk increased 15.5 per cent over 1944.

The help situation was again very limited in both creameries and cheese factories. In some of the cheese factories conscientious objectors were employed with apparent general satisfaction. Under the supervision of the creamery instruction staff the department of education again allowed students to leave school early to work at butter manufacture in the creameries. Over fifty students were so employed and the operators were high in their praise of their work. With cessation of hostilities in Europe in May and in Japan in August, several former buttermakers were released from the armed forces and helped to ease a tense help problem in a number of creameries. Very favourable comments were received from the instructors in regard to the manner in which these men were able to re-establish themselves in their former positions.

Richard L. Keegan, B.S.A. joined the creamery instruction staff in May, 1945, replacing the late Roland Johnston who was instructor in the Southwestern Ontario group and who retired on superannuation in January, 1945. It was with regret that Mr. Johnston's death was announced on April 9, 1945. Mr. Keegan joined the Hastings and Prince Edward Regiment in 1939 with which he proceeded overseas, later transferring to the R.C.C.S. He saw action in Sicily and Italy. He graduated from the Ontario Agricultural College in 1939, specializing in dairying.

In October 1945, Carl B. Burgess, B.S.A., creamery instructor in the Belleville district resigned and purchased the Riverside Dairy, Trenton. He was succeeded by Frank V. E. Macdonald, B.S.A. who was recently discharged from the R.C.N.V.R., having joined this service at the outbreak of the war in 1939. He graduated from the Ontario Agricultural College in 1937, specializing in dairying.

George H. Barker, instructor and inspector at creameries, cheese factories and dairy plants in Northern Ontario retired on superannuation on January 18th, having held this position since 1927. On the date of his retirement he was honoured by employees and managers of the plants under his supervision which was an indication of the high esteem and respect they had for him.

Harold Neeb of Tavistock was appointed cheese instructor, succeeding the late W. T. Oliver in the London group. Mr. Neeb has been assistant instructor in the cheese division of the Dairy Department of the O.A.C. during the short course for the past two years.

Mr. G. E. Clarke, cheese instructor in the Kingston group resigned in December to join the grading and inspection service of the Dairy Division, Marketing Service, Dominion Department of Agriculture.

Mr. P. Blondin was retired from the cheese instruction staff in December, having been associated with this service for many years.

Dairy Branch Field Staff:

	1944	*1945*
Chief Creamery Instructor	1	1
Chief Cheese Factory Instructors	2	2
Cheese Factory and Creamery Instructors	2	2
Cheese Factory Instructors	28	28
Creamery Instructors	9	9
Totals	42	42

Plant Licenses Issued:

	1944	*1945*
Creameries	269	271
Cheese Factories	559	549
Combned Cheese Factories & Creameries	23	27

Production of Cheese in Ontario:

	1944 *lbs.*	*1945* *lbs.*
Western Ontario	21,454,966	23,051,466
Central Ontaro	17,771,851	19,185,500
Eastern Ontario	64,972,950	69,526,249
Northern Ontario	1,465,986	1,641,153
Totals	105,665,483	113,404,368

Ontario produced 61.5 per cent of Canada's total cheese production in 1945 compared with 59.3 per cent in 1944 and 64.7 per cent in 1943.

Federal Grading of Ontario Cheese — 1945

	No. Boxes Graded	*Per Cent. 1st Grade*	*Per Cent. 2nd Grade*	*Per Cent. 3rd Grade*	*Per Cent. below 3rd Gr.*	*Aver. Score*
Western Ontario	347,991	95.57	4.34	0.09	.0	92.763
Central Ontario	276,587	96.59	3.35	0.06	.0	93.183
Eastern Ontario	720,205	96.16	3.66	0.16	0.02	92.936
Northern Ontario	15,338	84.58	15.19	0.23	.00	92.052
Totals 1945	1,360,121	96.00	3.87	0.12	0.01	92.946
Totals 1944	1,147,703	95.86	4.02	0.10	00.2	92.949
Totals (Canada) (1945)	2,036,060	93.80	5.95	0.21	0.04	92,689
(1944)	1,956,300	94.03	5.77	0.17	0.03	92.708

Score of Cheese:

	Per Cent. 94 Score or Higher	*Per Cent. 93 Score*	*Per Cent. Below 93 Score*
1945	32.54	43.32	24.14
1944	32.38	43.79	23.83

Cheese Factory Summary:

	1944	*1945*
Number of factories operating	578	570
Number of patrons	25,078	25,667
Average per cent. fat in milk	3.4	3.36
Average pounds of milk to make 1 lb. cheese	11.2	11.41
Average pounds of cheese per pound of fat	2.5	2.60
Money spent improving plants	$195,960	$258,997
Average price per pound of cheese (subsidy not included)	20c	20c

Cheesemakers' Certificates Issued:

	First Class	*Second Class*	*Permits*	*Beginners' Permits*	*Special Permits*	*Total*
1945	438	93	30	45	27	633
1944	468	87	21	40	24	640

CHEESE FACTORY INSTRUCTION

The labour situation on the farms and in the factories did not improve in 1945. Despite this factor the quality of Ontario cheese was well maintained with a slight increase in the percentage of first grade cheese. The production during the early part of the season showed a substantial increase over the previous year due to abundant pasture. However, the production showed a decided drop in early fall due to cool dry weather conditions. The fall production of cheese was below that of the previous year.

During the year the instructors made 9,803 visits to cheese factories and 4,126 visits to producers sending low quality milk to cheese factories. The reports from the instructors would indicate that a large percentage of the poor quality milk is due to improperly cleaned milking machines and inadequate cooling facilities. The instructors spent a good deal of their time instructing producers on proper methods of washing and sterilizing milking machines. The number of milking machines being used is increasing yearly and are an asset to the cheese industry if properly cleaned and cared for.

The quality of the milk received at cheese factories has improved to some extent in respect to the amount of sediment in milk. The sediment testing of milk was given more attention in 1945 than ever before and the need for clean milk was drawn to the attention of the producers. Milk filters were more widely used, but due to the shortage of steel milk filters were not available to all producers. We expect much cleaner milk when filters are available for all producers.

During the year the instructors made 36,965 methylene blue tests—28,839 fermentation tests and 56,815 sediment tests, to determine the quality of cheese factory milk. More attention was paid to sediment testing in an effort to produce cheese with the minimum extraneous matter content. More attention was also given to the condition of cheese factory buildings and equipment with the result that the general appearance of the factories has improved. A few factories in Eastern Ontario were in such a dilapidated condition that they were not allowed to continue to operate.

The amalgamation of cheese factories has been encouraged and during the year five such amalgamations were arranged for,—two of which have been completed and are now in operation. The other three have arrangements completed to proceed with the erection of the new plants.

Four cheese factories were destroyed by fire in Eastern Ontario during the year. Three plants have been re-built according to department specifications. One hundred and sixty-five Eastern Ontario factories have improved ripening rooms and many others are awaiting completion of contracts for subsidy on improved curing rooms. Forty-seven factories have completed extensive repairs and improvements to their plants. In most instances, the outside appearance of these plants has been improved. Many more are completing repairs in the near future.

The improvement in the appearance of the cheese factories during the year has been a credit to the industry and instruction staff and the campaign for improved cheese factories is to be continued for the good of the industry.

Production of Creamery Butter in Ontario:

	1944	*1945*
Western Ontario	49,353,077 lbs.	51,264,801 lbs.
Central Ontario	12,822,915	12,538,454
Eastern Ontario	8,126,156	9,473,779
Northern Ontario	4,500,598	4,234,226
Totals	74,802,746	77,511,260

Ontario produced 26.0 per cent of Canada's total creamery butter in 1945 compared with 25.1 per cent in 1944, and 27.1 per cent in 1943.

Federal Grading of Ontario Creamery Butter:

Almost half of Ontario's butter production in 1945 was officially graded. This is the highest since the inception of butter grading. Operators are becoming more quality conscious, particularly is this true among the better operators. In 1944, about 40 per cent of the make was graded.

	Total Boxes	*% First Grade*	*% Second Grade*	*% Third Grade*	*% Below Third Grade*
1945	655,315	72.23	24.91	2.46	0.40
1944	520,559	59.37	36.21	3.87	0.55

The above figures show a marked improvement over 1944. Since primary butter grading standards are based on export requirements, it is necessary for operators disposing of their butter for consumption locally to clear with the graders as to salt requirements, etc. More operators are doing this and also are they more particular with the branding and packaging of their boxes. In 1945, 13.9 per cent of the butter graded was lowered to second grade because of used boxes, single liners or having over 2 per cent salt. The quality of this butter otherwise was first grade. Making these allowances, the quality of Ontario butter which was graded is as follows:

	% First Grade	*% Second Grade*	*% Third Grade*	*% Below Third Grade*
1945	86.13	11.01	2.46	0.40
1944	77.87	17.71	3.87	0.55

This is the best grading record for Ontario since 1935. In 1935, considerably less butter was graded than at the present time.

Cream Quality:

The quality of cream received at the creameries as compiled from the instructors' monthly reports is as follows:

	% Special Grade	*% First Grade*	*% Second Grade*	*% Off Grade*	*% Special & First Grade*
1945	3.00	89.10	7.84	0.06	92.10
1944	3.16	88.70	8.10	0.04	91.86

The Director of Dairying was successful in his recommendations to the Wartime Prices and Trade Board to allow creameries to gather cream twice a week during the summer as compared with three times in two weeks in the previous two years. This step was taken to guard against any further decline in cream quality. However, with the end of hostilities in Europe in May all controls on cream trucking were removed. Several operators, however, did not take advantage of this opportunity to safeguard cream quality.

Creamery Statistical Summary:

	1945	*1944*
Number of creameries operating	279	286
Number of patrons	79,921	75,786
Average per cent fat in cream	32.2	31.8
Number of creameries making cheddar cheese	24	24
Number of creameries making powdered or condensed milk	19	18
Number of creameries making whey butter	31	36
Number of creameries with locker storages	97	88
Number of creameries making butter only:		
(a) with no other associated products	62	62
(b) with no other dairy products	144	139
Average price of butter (solids)	34.66	34.5
Average price of butterfat net the producers (subsidy excluded)	35.26	34.9
Approximate per cent. of cream self delivered to creameries by producers	31.90	30.7
Average per cent. fat in milk received at manufacturing plants	3.60	3.59

Buttermakers' Certificates Issued:

	First Class	*Second Class*	*Permits*	*Beginners' Permits*	*Special Permits*	*Total*
1945	236	23		16	17	292
1944	238	21		19	23	301

Milk Utilization in Ontario:

Milk received at Ontario plants was utilized approxmately as follows:

	1945	*1944*
Creamery Butter	38.5%	39.0%
Cheddar Cheese	26.9	26.6
Fluid Milk	23.7	23.5
Fluid Cream	2.9	2.9
Condensed Whole Milk	0.8	0.9
Evaporated Milk	4.8	4.4
Powdered Whole Milk	2.4	2.7

Competitions

When the competitive spirit is prevalent better results are achieved. With this in mind the Ontario Creamery Association in co-operation with the Dairy Branch, the Dairy Department of the Ontario Agricultural College and the Grading and Inspection services, Dairy Products Division of the Dominion Department of Agriculture sponsored butter quality competitions between May 15 and October 15, 1945. The results were most gratifying, with 92 creameries competing. Three competitions were conducted. The Grand Championship winners and runners-up in each competition were as follows:

Quality Competition:

1—Canada Packers, Harriston	100.0% 1st Grade Butter	(96.93% 93 Score)
2—Barrie Creamery, Barrie	100.0% " " "	(60.69% 93 Score)
3—Marshall Dairy, Jarvis	100.0% " " "	(48.75% 93 Score)
4—Kemptville Creameries, Kemptville	100.0% " " "	(12.10% 93 Score)

Yeast and Mould Competition:

1—Barrie Creamery, Barrie	average count — 7.36
2—J. B. Jackson, Simcoe	" " — 8.45
3—Silverwoods Ltd., Chatham	" " — 14.00
4—Borden Co. Ltd., Ottawa	" " — 16.09

Combined Quality and Yeast and Mould Competition:

1—Barrie Creamery, Barrie	191.00 points
2—Canada Packers, Centralia	178.68 "
3—Silverwoods Ltd., Chatham	174.27 "
4—Canada Packers, Wiarton	170.00 "

Buttermakers' Clubs:

With the end of the war considerable interest was aroused late in the year among former members of buttermakers' club which had been forced into inactivity because of gas rationing and other wartime regulations. Two clubs were active all through the war although fewer meetings were held. These were the Southwestern Ontario Buttermakers' Club and the Petrolia District Buttermakers' Club. The London District Buttermakers' Club re-organized in 1945. By 1946 it is expected that practically all former clubs will be re-organized. Before the war they proved to be a very strong factor in controlling unethical practices in the industry.

CREAMERY INSTRUCTION

The creamery instruction staff again had to concentrate the greater part of their time on the weighing, sampling, testing and grading of cream because of the continued shortage of qualified help. It is gratifying to note that fewer cream test adjustments were required in 1945 than in 1944. 557 adjustments were made in 1944 and 484 in 1945. Towards the end of the year several buttermakers returned from the armed forces to their former positions which greatly relieved a tense help problem. Most of these men were able to step in where they left off despite the fact several had been away since 1939.

In 1945 creamery instructors made 14,225 checks on cream tests at the creameries and 3,532 checks on milk tests at the milk manufacturing plants.

The quality competitions conducted in 1945 made many operators more appreciative of quality, and the services of the instructors were requested more than usual.

Mechanical defects in butter were again reduced over the previous year. The instructors spent considerable time assisting buttermakers in making butter so that butter would hold its composition when printed.

The three buttermakers' clubs active during 1945 sponsored workmanship and composition control competitions, two of which were conducted for the sixth consecutive year.

While butter boxes were again in short supply the quality was much better and very few complaints were received.

With the end of gas rationing instructors were more at liberty to visit producers and it is expected this service will be extended considerably.

The Ontario Concentrated Milk Producers' Association used the services of the creamery instructors quite extensively. In co-operation with their field men they investigated several complaints of both operators and producers.

Many creamerymen were anxious to replace worn out equipment. Dairy supply houses have had difficulty meeting the demands for new equipment.

Outbreaks of serious flavour defects in butter were at a minimum in 1945. Buttermakers generally gave more attention to the neutralization of cream, which was a large factor in producing butter of more uniform quality.

Instructors attended and addressed meetings of operators and producers and a number of farm forums were also attended. They also acted as judges at fall fairs. Special lectures and demonstrations were given at a number of short courses during the winter months. They also conducted discussions and demonstrations at buttermakers' clubs where these operated.

AGRICULTURAL REPRESENTATIVE BRANCH

FOREWORD

Evidence of progress in the rehabilitation of agriculture to a peacetime basis is fully apparent in the growing power of farm organization in the development of definite animal health and breeding projects, in the enlarged land use and soil management programme as headed by the new Department of Soils at the Ontario Agricultural College, in the increased interest in Junior activities, in the veterinary services, and land clearing policies for Northern Ontario, in the increased interest in Co-operative Marketing and Storages, and in the many and varied projects for improving quality in live stock, fruit and other farm products.

In the application of all these policies and projects, the Agricultural Representative not only plays the important role of co-ordinator of all agencies and services interested in the project in his county, but is also responsible for much of the organization.

COUNTY COMMITTEES

Under the County Committees Act the following counties and districts have established County Committees:

Algoma
Carleton
Durham
Elgin
Essex
Frontenac
Grenville
Grey
Halton
Hastings
Kenora
Lambton
Lanark
Lennox & Addington
Leeds
Nipissing
Norfolk
Northumberland
Peel
Perth
Peterborough
Rainy River
Renfrew
Simcoe
Thunder Bay
Waterloo
Wellington

The personnel of each Committee includes representatives of every farm organization in the county, with the Agricultural Representative acting as Secretary. These Committees are established to survey the county agricultural situation, to consolidate individual effort, and to recommend ways and means and develop plans for improvement in agriculture.

Most of these committees have had an active year as shown by the Simcoe County report, which indicates one general meeting, eight executive meetings, three regular, and six special committee meetings.

Although problems under study are many and varied, the following include the more important:

Vacant Farm Problem
Baby Beef Policy
Warble Fly Control
County Health Programme
Barberry and Buckthorn Control
Calfhood Vaccination
Rehabilitation of County Returned Men
Organized Use of Power Equipment
Improved Cow Testing Plan
Watershed Surveys
Demand for Hydro
Plan for Opening New Roads (Northern Ontario)
Land Use Survey
Soil Management and Soil Conservation
Reforestation
Disease Prevention in Live Stock
Cooperative Marketing and Storages
Farm Management and Accounting
T.B. Free Area
Supplementary Education

As a result of these studies, the following four illustrations give some idea of the progress made:

(1) In Essex, the Essex County Milk Producers' Association has been organized, a testing laboratory set up, and a field man engaged. At present, there are 71 co-operators, with 853 cows on test. Cows are tested once each month. As this work becomes established, it is planned to include work on feeding, pastures, soils and production costs. This is a co-operative project with the farmers paying half the cost.

(2) In Peel County an experiment in Calfhood Vaccination was tried out in 1944-45. This has now become a Provincial-Wide Policy.

(3) County Committees have added new impetus to Soil Management studies resulting in a new Department of Soils being established at the Ontario Agricultural College.

In Peterborough and Simcoe Counties, farms have been placed under the supervision of the Soils Department, to demonstrate the feasability of strip farming, contour farming, and reforestation, as agencies in Soil Conservation. Many counties have soils projects of various kinds under way.

County Committees are co-operating in the development of River Valley Surveys, particularly the Thames and the Nation.

(4) In Northern Ontario, where there were practically no qualified veterinarians, the district committee for Kenora studied this problem, and with the Department of Agriculture co-operating, established the first Veterinary Service in Ontario. This has since become a policy for Northern Ontario.

LIVE STOCK IMPROVEMENT

Veterinary Services

Following the establishment of a Veterinary Unit in Kenora, a policy has since been brought into effect for Northern Ontario whereby the Department of Agriculture pays up to $1,400.00, providing the municipalities contribute an equal amount toward the cost. A nominal scale of fees has been set up. Services have already been established in Kenora, Algoma, Rainy River and Temiskaming.

In Algoma, for a nine months' period, the veterinarian answered 956 calls and travelled 28,250 miles. Previous to the establishment of these services, the Agricultural Representative in most districts was called on to treat sick stock. In Rainy River, before the veterinary service was established, during one year the Agricultural Representative had 898 office callers, 1,765 telephone calls, gave 1,947 prescriptions, made 314 calls to farms, treated 2,159 animals, and performed 21 post-mortems and 13 operations.

Horses

Interest in horses continues to diminish. Less and less mares are being bred. Kent County reports that in some sections 25% of the farmers no longer use horses for any part of the farm work. Lambton reports that 90% of the field work is now done by tractors. In spite of the progressively narrowing field of the horse for farm work, one of two counties reported improved prices for horses, probably due to the outlet through UNRRA, and because of the increasing difficulty to get good replacements for city work. The newly organized Elgin Horse Breeders'

Association held a successful show and sale of horses. The Middlesex Heavy Horse Association had a good show at Glencoe and at Stratford. There were 474 entries, $2,500 in prizes and an attendance of 2,500 at the Spring Horse Show.

Cattle — Calfhood Vaccination

Under the new Calfhood Vaccination Policy, thousands of calves are being vaccinated. Farmers generally welcome this plan as a much cheaper method of reducing Bangs Disease losses, than by the old test and slaughter plan.

In Peel County where this work started, 3,996 calves were vaccinated. In Leeds, as a follow-up in the Artificial Insemination Club, 1,196 calves were vaccinated.

Cattle Breeding Units

Breeding units are now established in the counties of Leeds, Oxford, Waterloo and York, with a total of 704 members, and upwards of 5,000 cows. Twenty-six bulls, all of the Holstein Breed, are used in these four units. Agricultural Representatives took an active part in the organization, selection of bulls, location and construction of bull barns and selection of technicians.

Cow Testing

The number of cows tested under the Ontario Cow Testing Association Plan continues to be very small, due in part to the comparatively large number of purebred herds on R.O.P. Nevertheless, the results as indicated in Halton County show the value of this method of determining the productive capacity of individual cows in the herd. In Halton County 387 cows were on test the full year.

	Value of Milk per cow	*Difference*
High Cow	$469.46	$376.03
Low Cow	93.43	
High Herd (16 cows)	288.25	
Low Herd (12 cows)	178.61	109.64
Ten High Cows	370.34	
Ten Low Cows	112.07	258.27

Under the new plan in Essex County, where the farmer pays half the cost, there are 71 members with 853 cows on test.

T.B. Free Areas

Ontario is not yet fully covered as a T.B. Restricted area. During the year, a canvass was made in Muskoka, Parry Sound, Lambton, Sudbury, and a re-canvass was made in parts of Welland. A few other counties have completed the canvass from one to five years ago, and are still waiting for testing to commence.

Breed Shows

44 Black & White, 13 Red & White, and 22 other Special Cattle Shows were held, with a total entry of 8,662, and prize money paid out amounted to $26,681.75.

Warble Control

A co-operative power spraying demonstration for Warble Control was put on in Goderich Township, Huron County. Commencing on March 19th, three applications were given, a month apart, to 6,500 cattle This material was applied at a pressure of 400 lbs.

In Bruce County in 1945 the cattle in an area of 15 square miles were treated three times by hand. The same cattle were treated again in 1946, twice by hand and once by power spray. In many other counties warble powder was provided free or made available at cost.

Bull Loaning Policy

The Federal Bull Loaning Policy was extended somewhat, and now includes Renfrew and Bruce Counties, as well as all districts in Northern Ontario. There are 143 clubs in operation, with a membership of over 800. 22 new clubs were organized during the year.

Blackleg

In Rainy River, 1,250 cattle were treated against Blackleg.

Manitoulin Feeder Cattle Sale

One of the most unique feeder sales in Canada has been organized in Manitoulin, and the second Annual Sale was held in 1945. Pens were built at Little Current to accommodate over 50 cars of stock, scales were installed and car lots are made up according to weights, breed and type. Over 1,900 cattle were put through the second sale and loaded out in a matter of a few hours. The sale is financed by some help from the Department of Agriculture, and a charge of $1.00 per head. An additional 50c per head is deducted to pay for the yards. This sale provides an excellent source of feeder cattle for Old Ontario farmers, and has netted the producers on Manitoulin thousands of dollars over what could have been secured from the old system of lump sale on the ranches.

Sheep

The sheep population during the war years was increased by nearly 20%, but is rapidly dropping back to normal. This appears to be due largely to losses from dogs and wolves, and to internal parasites.

In Hastings County 572 sheep were killed and 96 were injured, and farmers were compensated to the extent of $5,790.00. In Dufferin, 360 sheep were killed, and 180 injured, with compensation of $7,919.00. In Simcoe County $9,000.00 was paid in compensation. In Rainy River, the sheep population has decreased 15%, due in part, to a heavy infestation of internal parasites.

Much of the wool is handled co-operatively. Wool sacks and twine are available in all Agricultural Representatives' offices.

Manitoulin lambs which have always been popular on the market, are now being handled co-operatively, and are sold on dressed weight carcass grade. This is the first time that this method of settlement has been tried, and as Manitoulin lambs grade well with a high dressing percentage, growers have been particularly well satisfied. 9,200 lambs were handled in this manner last Summer and Fall.

44 Sheep Demonstrations were held, mostly on parasite control and shearing. There was a total attendance of 272.

8 Lamb Fairs were held in Northern sections with 730 entries. 5,541 lambs were marketed through Lamb Fairs. Lamb Fairs tend to glut the market over short periods, and do not encourage marketing when lambs are at the right weight, and although lamb fairs have done much to develop the sheep industry in Northern Ontario, their usefulness, except in new areas, is now in doubt.

Swine

One of the most outstanding Swine Improvement Projects was undertaken in Bruce County. This was known as the 75% Grade A Hog Production Competition. 1941 Grading Sheets were used as a basis. At that time practically no one had his year's hog marketing grade 75% A. Prizes were offered; 22 barn meetings were held with an attendance of 550; several carcass demonstrations were given, using local carcasses in each case; 46 10-minute radio talks were given over CKNX. As a result, 108 farmers obtained 75% or better Grade A on all the hogs marketed during the year.

During a period when hog production dropped nearly 30% in Ontario, Bruce County Marketings dropped only 5%. At the same time the percentage of Grade A's in Bruce increased 5%.

Quarterly Pig Survey

All Agricultural Representatives co-operate with the Federal Production Service in supplying information for the Quarterly Pig Survey.

	1st Quarter	*2nd Quarter*	*3rd Quarter*	*4th Quarter*
Boars reported	373	340	333	359
Sows bred	6,380	5,418	4,043	5,997

Boar Clubs

Agricultural Representatives report a total of 29 new clubs formed in 1945.

Hog Marketing Scheme

During November and early December, a vote on the proposed Hog Marketing Scheme was authorized. Agricultural Representatives were authorized to act as Deputy Returning Officers. Registrations and ballots were accepted at the office, and at some 200 meetings. In many counties a meeting was held in every township. Tabulations were made of some 30,000 ballots and a larger number of registrations.

Poultry

Poultry production reached an all time high in 1945. In Haldimand County for instance, there are over 200 birds per 100 acres of assessed land. Agricultural Representatives held 41 Poultry Culling Demonstrations, with an attendance of 451. 2,375 birds were culled in these demonstrations. There are a total of 548 breeding station flocks maintained in Ontario under close supervision, with a total of 443,099 birds. These flocks are carefully culled and blood tested, and serve as a source of egg supply for a large proportion of the eggs for hatching.

Live Stock — General

There are in Ontaro 180 county and district Breeders' Clubs, with a membership of 7,283. Agricultural Representatives act as the secretaries of most of these.

SOILS AND CROPS

Agricultural Representatives act as secretaries of the 53 County Crop Improvement Associations, and are largely responsible for the organization of the following:

	Number	*Attendance*
Soils and Crop Meetings	155	8,910
Field Crop Tours	11	530
Seed Fairs and Seed Displays	36	3,078 entries

In co-operation with other Provincial and Federal Departments, and in some cases commercial organizations, experimental and demonstration plots were laid down in accordance with the following table:

EXPERIMENTAL AND DEMONSTRATION PLOTS

	Number
Variety Test Plots	236
Variety and Fertility Test Plots	41
Fertility Plots	64
Junior Farmer Test Plots	42
Rod Row Plots	61
Hay and Pasture Plots	287
Mustard Control Plots	**4**
Disease and Insect Control Plots	**5**
Other Types of Test Plots	**115**

Although space will not allow for a complete report on results, it is worthy of mention that applications of borax to alfalfa in Rainy River gave double the yields of seed, and certain varieties of hybrid corn tested at New Liskeard gave as high as 15 tons silage per acre.

Agricultural Representatives tested 133 soil samples in their offices and sent 2,179 samples away for testing. Soil test boxes were sent to hundreds of other farmers who took their own samples and sent them direct to the laboratory for testing. 2,307 Nitro Cultures were distributed through Agricultural Representatives' offices.

Pastures

The long term pasture programme was continued. New plots were laid down. Old plots continued to be observed, and in many cases tours were organized of the pasture plots in the county. The carrying capacity of many of these plots is nearly double that of ordinary pasture, and many farmers now consider their long term pasture acreage among the highest revenue producing crops on the farm.

In Halton County a 16 acre long term pasture seeded in 1944 produced milk on the basis of Toronto prices, with transportation deducted, to the value of $101.30 per acre, plus 6 loads of hay, plus late Fall pasture.

Seed Grain Distribution in Northern Ontario

In the spring of 1945 for the first time in the history of the policy all seed grain was sold on a cash basis. Seed grain to the value of $6,954.33 was distributed. Cost of distribution amounted to $1,611.63. The Agricultural Representative is responsible for taking orders, collections and local distribution.

Soils

Every county has done some work on an expanded soils programme. Thousands of soils samples have been taken. Soil surveys have been completed in 24 counties, and 6 county soils maps have been published. Essex County has started on a soils organic programme. Peterborough County has established a Demonstration Farm on which erosion control practices, such as contour farming, strip cropping and reforestation will be practiced. Simcoe County has started Land Use and Farm Management Studies. Among the test plots listed previously are many fertility and placement tests, as well as tests on the use of trace elements.

Reforestation

There has been renewed interest in reforestation and wood lot planting. A new forest tree nursery [illegible] Elgin, Hastings, Huron, Oxford and Perth have added to their county forests. Oxford County provided each school and library with four books on reforestation. Waterloo County has started a project of buying 1 acre of land for reforestation purposes for each rural school in the county. Agricultural Representatives take an active part in Zone Associations.

Orchard Spray Service

From 7 to 23 Spray Service letters are mimeographed in Agricultural Representatives' offices and sent out to 5,375 orchardists. This is a service of long standing and is very much appreciated.

Farm Engineering

Interest in drainage has greatly increased, the limiting factor being the shortage of tile. Agricultural Representatives made 76 drainage surveys and forwarded an additional 88 requests to drainage departments. During the year, 170 septic tanks were built with the use of forms maintained at Agriculural Representatives' offices.

Farm Labour

Farm Labour being the number one problem in Agriculture, continues to extract its toll of time and energy from the Agricultural Representative Service as indicated by the following statistics:

	Number
Applications for farm help received	3,485
Number placed by Agricultural Representatives	1,929
Western Harvesters coming East	1,910
Men sent West for the harvest	4,843
Boys' and Girls' Camps (41 camps)	3.000
Conscientious Objectors on farms	9,000
Soldiers under the Farm Duty Plan	277
Permits issued for bush work or other specified work	1,376
Prisoners of War working on farms	1,313
Volunteer harvesters or Commandos	2,913

Agricultural Representatives worked very closely in co-operation with the Federal Employment Service and the Ontario Farm Service Force in the placement of farm labour. J. A. Garner, Chatham, took direct charge of the P.O.W.'s in South Western Ontario. N. W. Harrison, Port Arthur, and W. M. Croskery at Ottawa, played an active part in the placement of P.O.W.'s on individual farms in their respective districts. E. I. McLoughry headed up the work with Conscientious Objectors in Ontario. The Director, Assistant Director and the Agricultural Representative for Carleton assisted the Employment Service in meeting trains and rerouting Western Harvesters from Toronto and Ottawa to country points. Agricultural Representatives assisted local employment offices in meeting trains and placing men on farms where they were most needed. Some Agricultural Representatives spent a lot of time during July and August organizing Commando Work. For instance, in York, Peel and Halton requests for help were phoned in to the Agricultural Representative, often during meal hours, late at night, and early in the morning. At 8:00 a.m. a message was received from Toronto as to the number that had left that day. Then the trucks would have to be met and the men distributed.

In the Toronto district alone, 4,198 man work days were provided by volunteer workers from the City of Toronto. In Brantford, 42,000 man hours were provided to farmers in the district.

Agricultural Representatives acted as one of the authorities responsible for determining whether individuals could be spared to help with the Western harvest.

COOPERATIVE ORGANIZATION

Cooperative Services are now big business. Agricultural Representatives work closely with managers and cooperative organizations. Successful Cooperatives can and do serve as important agencies in the development of Agriculture in the district.

Cooperatives in Norfolk County do well over two millions of business, in addition to the twenty-five million pound tobacco crop. There are six Cooperatives in Oxford County, two of which have a business of 1¾ millions of dollars. Cooperatives in Lincoln have a 1½ million dollar business, mostly in fruit. The Cooperative in Peterborough during the year, was taken over completely by the local organization. They now have 1,200 members and a business of over a million. The Kent-Elgin Early Potato Growers' Cooperative was organized during the year, and shipped 124 cars of potatoes valued at $193,000.00.

As an example of successful Cooperative effort in Northern Ontario, the Manitoulin Cooperative shipped 4,920 head of cattle, 9,200 lambs, 11 cars hogs, 87,000 lbs. wool, and turkeys to the value of $15,937.00. In addition, they handled several cars of feed for their members.

Some Agricultural Representatives also devote considerable time to Credit Unions. In North Cochrane alone there are 13 Credit Unions with $300,000.00 on deposit.

EXPORT FOOD SHOWS

Export food shows, featuring export products such as bacon, cheese, eggs, etc., were held at Ottawa, Caledonia, London and Waterloo.

The pioneer and most extensive in this field is the Ottawa Export Food Show, managed by the Agricultural Representative. This show, the fifth Annual, featured bacon, cheese, eggs, dressed poultry, honey and beef. There were large displays of Wilshire sides and cheese in competitive classes, as well as educational exhibits depicting the export business. 100 cheese-makers took part in the cheese grading competition, 35 Junior Farmers and Kemptville students entered the Live Hog and Carcass Judging Competition, 200 ladies participated in the daily Poultry Grading Competition. Six farm organizations held meetngs during the show.

Plowing Matches

Sixty-one plowing matches were organized, including 52 Senior and 9 Junior matches. There were a total of 1,790 entries, with $12,496.00 in prizes, and an attendance of 25,160.

JUNIOR DEVELOPMENT

Rural School Fairs

Seventy-eight rural school fairs were held with 539 schools taking part. 12,276 pupils made 32,094 entries. The attendance amounted to 24,583 children, and 47,907 adults.

Boys' and Girls' Club Work

The Ontario Department of Agriculture supports the Canadian Council on Boys' and Girls' Club Work to the extent of $1,750.00 annually. The Department takes full responsibility for the organization and management of club work in Ontario, and pays one-third of the prize money at local club Achievement Days.

5,977 boys and girls, between the ages of 12 to 20 were enrolled in 471 clubs in 1945, as compared to a membership of 5,280 in 468 clubs in 1944. Club work in the counties is organized and conducted by the Agricultural Representatives, with some help from committees and local leaders. Prize money is provided equally by the Federal and Provincial Departments of Agriculture and the local sponsoring organizations.

All projects gained in membership except foal and sheep.

Clubs Organized in 1945

	No. of Clubs	*Membership*
Calf	115	1,925
Swine	32	469
Foal	3	44
Sheep	1	11
Poultry	13	223
Grain	34	567
Potato	42	711
Girls' Garden Brigades	231	2,027
Totals	471	5,977

PROVINCIAL INTER-CLUB COMPETITION

With the return to peace, the wartime practise of holding an Eastern Section of the competition to conserve gasoline and rubber was dispensed with, and the one competition for the Province was held at Guelph.

Provincial Winning Teams

Project	*Teams Competing*	*County*	*Coach*	*Winning Team Members*
Dairy Calf	39	Simcoe S.	F. A. Lashley Don Taylor	Kenneth Wilson, Alliston Graham Wilson, Alliston
Beef Calf	17	Middlesex	W. K. Riddell K. E. Lantz	Kenneth Pretty, Glencoe Lyle Pretty, Glencoe
Swine Clubs	21	Durham	E. A. Summers	Niel Moffat, Orono Chas. Langmaid, Hampton
Foal Clubs	2	Middlesex	W. K. Riddell K. E. Lantz	Peter McCallum, Glencoe Ronald Crawford, Glencoe
Poultry Clubs	4	Lincoln	E. F. Neff	Evelyn Prentice, St. Catharines Ronald Packham, Caistor Centre
Potato Clubs	20	Durham	E. A. Summers	Ross Ashton, Bowmanville Jean Warry, Enniskillen
Grain Clubs	24	Peel	B. S. Beer	Glen Grice, Malton Ollie Currie, Malton

246 boys and girls in 127 teams, competed in the Provincial Boys' and Girls' Club Contests.

DISTRICT SEED JUDGING COMPETITIONS

Ottawa Valley Seed Show

Six county teams of three boys each competed, with the Grenville County team, winning first place and the Senator Hayden Trophy.

Winning Team	*Coach*	*Team Members*
Grenville	C. C. Tenant	Bill Whaley, Oxford Mills Lawrence Donoghue, Oxford Mills Gordon Forbes, Merrickville

Quinte Seed Show

There were 56 contestants, including 7 county teams in the Seed Judging Competition.

Winning Team	*Coach*	*Team Winners*
Durham	E. A. Summers	Stuart Dorrell, Nestleton Harold Forder, Blackstock Murray Osborne, Bowmanville

Junior Fairs and Club Camps

Two Junior Fairs or Club Camps were held. The Lakehead Exhibition, in cooperation with Service Clubs, held a three-day Junior Farmer Camp, with 84 boys and girls participating.

The Central Canada Exhibition Board, supported by the Ontario Department of Agriculture, staged a Junior Fair at Kemptville.

Record of Entries at Kemptville

Club Show—	Holstein	104
	Ayrshire	47
	Jersey	14
	Shorthorn	17
	Hereford	10
	Baby Beef	11
	Swine (2 sows each)	20
	Garden Brigades and Other Girls' Work	110
Judging Competition—	Seniors	15
	Intermediates	73
	Juniors	73
	Total	494

As far as can be learned, the Holstein Calf Class at the Kemptville Junior Fair was the largest group of calves ever assembled in one class in Canada. The Champion Holstein Calf was later awarded all Canadian Honours.

SHORT COURSES

Duration of Course	*Nature of Course*	*County*	*Place*	*Attendance*	
				Boys'	*Girls'*
Three Months	Agriculture & Home Economics	Haldimand	Cayuga	30	15
	" "	Wentworth	Binbrook	16	15
One Month	Agriculture	Dufferin	Shelburne	35	....
	"	Halton	Milton	14	....
Two Weeks	"	Peterboro	Peterboro	28	....
Ten Days Three nights per week for 5 weeks	Fruit & Vegetables	Welland	Fenwick	10	....
One Week	Agriculture	Kent	Blenheim	96	....
	"		Ridgetown	74	....
	"	York	Belhaven	20	....
	"		Sharon	30	....
	"		Unionvile	75	....
	"		Vellore	25	....
	"		Schomberg	40	....
	General	S. Simcoe	6 places	256	....
	Agriculture & Farm Mechanics	Ontario	4 places	101	....
Four Days	Live Stock, Seed & Rope Work	Durham	Hampton	40	....
Three Days	Animal Diseases	Middlesex	Ilderton	35	....
	Production & Marketing	"	Appin	50	....
	Deficiency Dis'es	"	Harrietsville	50	....
	Agriculture	Sudbury	2 places	101	....

SHORT COURSES—Continued

Duration of Course	*Nature of Course*	*County*	*Place*	*Attendance*	
				Boys'	*Girls'*
Two Days	Soils	Carleton	Stittsville	35	....
	"	"	Metcalfe	35	....
	"	"	Ramsayville	45	....
	Rural Leadership	"	Ottawa	35	....
	Swine	Hastings	6 places	725	....
	Agriculture	Sudbury	Verner	90	....
One Day	Farm Mechanics	Algoma	6 places	183	....
	General	Grey	26 places	654	....
	Farm Mechanics	North'd	6 places	175	....
	Soils	Renfrew	3 places	103	....
	Agriculture	Sudbury	Lavigne	110	....
	13 Lectures	Nipissing	Army Camp	589	....
			Totals:—	3,935	30

JUNIOR FARMERS

The Ontario Junior Farmers' Association had a very active year. The membership increased from 5,500 to 6,535. Conferences were held at the Kemptville Agricultural School and the Ontario Agricultural College, with a total attendance of 600. Field Days were held at Kemptville and Guelph with a total of 24 boys' softball teams and 19 girls' teams competing. In addition, at Guelph there were a large number of entries in the track and field events. There was a total attendance of 2,400.

The Provincial Public Speaking Contest was held at Toronto in January. George Faris, Cookstown, President of the South Simcoe Junior Farmers' Association, won this event.

In preparation for the Provincial Contest, County, District and Zone Elimination contests were held. Five directors' meetings, 4 Executive meetings, and 4 Committee meetings were held during the year. The Assistant Director of the Agriculture Representatives Branch acts as Secretary. Junior Farmer News is edited by the Director of Publicity and goes forward to every household where there are one or more Junior Farmer members.

The organization now includes 185 local clubs and county associations organized in 40 counties and 2 districts. During the year, 22 new clubs were added to the membership list, including organization in 6 new counties and 1 district.

During the year, the Junior Farmers' Association materially consolidated its position in relation to other farm organizatiins. The President is a member of the Executive of the Ontario Federation of Agriculture, and the other five members of the Junior Farmer Executive are directors of the Federation. Two Junior Farmer members were elected to the Royal Winter Fair Association, with one of them on the Board. Two members were elected to the Federated Women's Institute Board, and arrangements were completed with the Women's Institute Board whereby Junior Institute members would not be required to pay fees both to the Women's Institute Board and the Junior Farmers' Association.

Twenty-nine Juniors attended the National 4H Club Congress in Chicago. Delegates from 4H Clubs in Michigan, New York and Quebec attended the Junior Farmer Conference and Annual Meeting at Guelph. A Junior Farmer Handbook was prepared and distributed. Junior Farmers have participated in radio programmes originating at Toronto, Ottawa, Chicago, Cornwall, Wingham, Port Arthur, Brantford, London and other centres.

The strength of the Association lies in the activity of the local branches. The following is a mere outline of some of the more important projects carried on by local and county associations.

Important Projects

- Home Plowing and Junior Plowing Matches
- Church Service
- Garden Party
- Farm Planning Project
- Public Speaking
- Drama Contest
- Live Stock and Seed Judging Trips and Tours
- Hockey League
- County Conference
- Debating League
- Victory Loan
- Short Courses
- Night Classes
- Decoration Service
- Restricted Area Canvass
- Field Days
- Monthly Meetings
- Reforestation
- At Homes
- Dances
- Square Dance Contest
- Moonlight Boat Trips
- Skating Party

Social and Money Raising Projects Include:

PERSONNEL AND OFFICE STATISTICS

The Agricultural Representative Branch includes 54 offices. On March 31st there were 53 Agricultural Representatives, 11 Assistant Representatives, and 53 stenographers.

Changes in Personnel

New Appointments

LIEUT. T. R. HILLIARD—Assistant, York County, October 1st, 1940 to June 6th, 1942. Lieut., R.C.N.V.R., June, 1942 to September 27th, 1945. Returned to York, October 1st, 1945. Appointed Fieldman, Junior Extension, April 1st, 1946.

F/O LEROY G. BROWN—Assistant, Middlesex and Grey, May 26th, 1942 to September 30th, 1942—R.C.A.F., October, 1942 to October 1st, 1945. Assistant, Ontario County, October 1st, 1945.

A. VICTOR LANGTON—June 1st, 1930 to October 31st, 1936. Served as Assistant at various periods in Grey, Norfolk, Oxford, Middlesex, Haldiman, Halton and Elgin, and as Agricultural Representative in Glengarry from November 1st, 1936 to April 30th, 1940. Resigned to farm; was later with the Holstein Friesian Association, and was reappointed as Agricultural Representative in Elgin, January 1st, 1946.

Promotions

JAS. D. MOORE—Appointed Agricultural Representative, Brant County, September 1st, 1945. In service from June 1st, 1944 as Assistant in York.

Transfers

A. O. DALRYMPLE—From Assistant Representative in Grey to Acting Agricultural Representative in Elgin, May 1st, 1945. Assistant Representative and lecturer at Three Months' School, Haldimand County, January 1st, 1946. Assistant Agricultural Representative, York County, April 1st, 1946.

Resignations

IAN MACLEOD—Resigned as Agricultural Representative in Brant County to farm at Dunvegan, August 31st, 1935. In service from June, 1929.

L. PHILIPPE BOURGEOIS—Resigned as Agricultural Representative in West Cochrane and Superintendent, Demonstration Farm, Hearst, September 10th, 1945, to accept the position of Agricultural Representative at Rogersville, New Brunswick.

CLARENCE L. MOXLEY—Resigned as Assistant Representative in Kent and Essex Counties to accept a position with Purina Feeds.

New Appointments

W. N. T. ASHTON—As Assistant Agricultural Representative, Grey County, October 1st, 1945.

J. EDWARD SHUH—as Assistant Agricultural Representative, Haldimand County, October 1st, 1945.

BRUCE B. HODGINS—Lecturer, Three Months' School, Wentworth County, January 1st, 1946. Assistant Agricultural Representative, Kent County, April 1st, 1946.

W. A. MACMILLAN—as Assistant Agricultural Representative, Wentworth County, December 1st, 1946.

OFFICE STATISTICS

53 OFFICES

	Total	*Average per Office*
Letters Received	128,783	2,450
Letters Written	116,721	2,202
Circular Letters Mailed	560,211	10,570
Incoming Telephone Calls	127,533	2,406
Visitors at Office	150,425	2,838
Meetings Held in Office	3,509	66
Bulletins and Reports Distributed Through Office	135,536	2,557
Miles Travelled by Government Car	999,052 (64 cars)	15,610 per car
Meetings Addressed	3,230	60
Additional Meetings Attended	2,856	53
Attendance at Meetings	365,740	6,900

With the exception of a slight decrease in the number of visitors to the offices, every other phase of the work indicated in the above table showed a marked increase over the previous year.

Administration

Administrative duties in Head Office include the Supervision of 53 offices, and the New Liskeard and Hearst Demonstration Farms, purchase of equipment, inspection visits to offices, supervision of leases, changes in personnel, new appointments and transfers, organization of annual and regional conferences and committees, assistance in organizing County Committees, supervision of general policy on Junior and Senior Extension, organization of short courses, itineraries and assembling of equipment, auditing Agricultural Representatives' Appropriation and County Grant accounts, serving on committees and boards, speaking engagements, supervision of emergency surveys and reports, distribution of Western farm workers, assisting Agricultural Representatives with special projects, managing competitions at larger fairs, supervision of boys' and girls' club work, including preparation of forms, policies and manuals, organization and management of the Provincial Inter-Club Competitions and assistance at the National Contests, supervision of the distribution of seed grain through the Seed Grain Subsidy Act and the Northern Ontario Seed Grain Policy, the issuing of weekly crop reports, purchase and maintenance of cars and equipment, subscriptions to papers and magazines for the Department and supervision of the Agricultural Representatives' Branch Group Insurance Policy. The Branch also handles the Plan for Hospital Care for the entire Department of Agriculture, both inside and outside service.

Executive Positions Held on Permanent Boards and Committees

Director

- Director, representing Ontario, Canadian Council on Boys' and Girls' Club Work
- Chairman, Policy Committee of Canadian Council on Boys' and Girls' Club Work
- Member representing the Department of Agriculture, Universities Adult Education Board
- Member, Ontario Field Crop Committee
- Member, Ontario Potato Committee
- Member, Ontario Wheat Committee
- Secretary, Ontario Association of County Agricultural Committees
- Member, Central Canada Junior Fair Committee
- Member, Inter-Departmental Committee on Rural Beautification
- Member, Dominion-Provincial Committee on Labor
- Member, National Committee on Soil Conservation.

Assistant Director

- Secretary, Ontario Junior Farmers' Association
- Secretary, Ontario Pasture Project Committee
- Member, Scholarship Committee of the Canadian Council on Boys' and Girls' Club Work
- Member, Extension Committee of the Agricultural Institute of Canada
- Vice-President,Toronto Branch, Agricultural Institute of Canada
- Member, Ontario Field Crop Committee
- Executive Member, Toronto Branch, Civil Service Association
- Member, Junior Committee, Belleville Fair Board.

Emergency Duties

During the year, Agricultural Representatives investigated or otherwise reported on the following:

2,024	applications for postponement
1,908	applications for Harvest Leave
1,295	Conscientious Objectors
17	Plane Crashes

This work often required considerable driving and much careful thought, and all Agricultural Representatives are very grateful that this type of work is a thing of the past.

Service Clubs

Agricultural Representatives receive excellent support and cooperation from Service Clubs in all sections of the Province. This interest in fostering Junior Work and in developing closer, friendlier, rural-urban relationships is a great stimulation to extension work generally.

MILK CONTROL BOARD OF ONTARIO

The Milk Control Board of Ontario has completed twelve years in the administration of The Milk Control Act. The main items of interest pertaining to the Board and its work of the past year are as follows:

Personnel:

The industry's associations' representatives, who were appointed as Members of the Board in January of 1944, carried on during 1945. Mr. J. B. Nelson, who was Secretary of the Board since its inception in 1934, resigned to accept a position in the Co-operation and Markets Branch of the Department of Agriculture. Mr. A. P. Clark carried on as Acting Secretary. Mr. C. Chambers of Belleville, of the Milk Test Checking staff, was superannuated in August. Two appointments to the Milk Test Checking staff were made, Mr. William Coates of Napanee and Mr. John A. W. Bell of Toronto.

Meetings of the Board:

During the year meetings were held as follows:

1.	Meetings having to do with fluid milk matters	23
2.	Meetings having to do with manufacturing milk matters	7
3.	Registered notices of hearings before Board	69
4.	Appointments in Chairman's Office	181
5.	Meetings attended by Chairman out of the office	98

Licenses Issued:

Year	*Regular Distributor*	*Producer Distributor*	*Peddler*	*Total*
1934	Not differentiated			1,335
1935	Not differentiated			1,624
1936	647	861	87	1,585
1937	750	924	87	1,751
1938	598	850	90	1,538
1939	607	590	150	1,347
1940	610	572	129	1,311
1941	635	490	116	1,241
1942	624	440	100	1,164
1943	610	452	125	1,187
1944	615	415	72	1,102
1945	624	389	76	1,089

Year	*Manufacturers*
1943	43
1944	46
1945	46

Year	*Transporters*
1945	239

Bonding:

The total amount of bonds on file with the Board during the year 1945 for the guarantee of payments to producers for milk purchased from them was $3,519,275.00. This amount is divided between the deposit of negotiable securities such as victory bonds and the deposit of the bonds of surety companies.

The bonds of two licensed distributors were called during the year in the amount of: 1—$2,463.29; 2—$2,000.00.

Field Inspection:

The Board's field inspection work was continued on the same general basis as in previous years, namely,—

(a) Routine inspection of individual distributor businesses by local Inspectors, which inspection was concerned chiefly with supervision of milk subsidies, tests, records, payments, etc., and the handling of minor complaints;

(b) More detailed inspection and auditing in individual cases where complaints or the local Inspector's reports indicated that such extra work was necessary. This inspection had to do chiefly with payments to producers, subsidy claims, etc.

Establishment of Fund for Producers' Associations:

Under the 1944 Amendment to The Milk Control Act. Section 14, providing for the establishment of producer license fees, twenty markets made application and of this number eighteen were approved by Order-in-Council.

Miscellaneous:

Wartime milk subsidies were continued as follows:

(1) The payment of 2c per quart consumer subsidy on milk sold in fluid form;

(2) A payment to producers of a subsidy on milk used for fluid milk consumption of 55c per 100 pounds from January to April and from October to December, and 35c the rest of the year in most markets. 25c per 100 pounds for the entire year in some small markets;

(3) Manufacturing milk subsidy of 30c per 100 pounds from January to April and from October to December, and 15c per 100 pounds for the remainder of the year.

Even though these subsidies are payable by the Federal authorities by arrangement, the claims are routed through the office of the Milk Control Board and a certain amount of checking and auditing in connection therewith is completed by the Board's staff. Payment is made only after the claim has been approved by this Board. The volume of work in connection with these subsidies is shown in the following figures for the year 1945:

Subsidy	*No. of Claims*	*Value*
Consumer	12,575	$8,985,597.00
Producer—		
Fluid	9,354	5,790,875.00
Manufacturing	387	1,220,370.00

Arbitrations:

In the milk manufacturing branch of the industry a dispute arose between the milk producers and the operators of the processing plants. This dispute was referred to the Board and a decision was handed down. The producers asked that the minimum price of $1.95 per hundred pounds for 3.5% butterfat milk, which was established by Board Order in 1942, be raised to $2.05. The Board, after careful study, reached the decision that it would not be in the best interests of the industry as a whole in Ontario to make any change in the minimum price as provided in Board Order 42-61.

A second price matter in the manufacturing field was referred to the Board. In this case the producers asked that a minimum price be established for milk sold to manufacturing plants and which was subsequently used for buttermaking. The decision of the Board in this case was that a minimum price of $1.60 per hundred pounds for milk testing 3.5% butterfat, delivered to the plant, be in effect.

General Comments:

The producers, distributors and processors of milk experienced a rather difficult year, due largely to labour shortages and difficulties on farms and in plants. This situation, coupled with the heavy demand for dairy products, taxed the ingenuity of all engaged in the industry. However, there was a noticeable degree of co-operation among the various groups in their efforts to produce, distribute and process milk and milk products for the many outlets. In the fluid milk branch of the industry, the upward trend which was noticeable during the war years continued through 1945, there being a 73% increase in the sale of milk by distributors in Ontario over the sales in 1939. In the manufacturing branch, there was an increase of approximately 33% in the production of concentrated milk products over 1939.

The British Delegation:

The Province of Ontario was honoured by a visit of an official government delegation from the United Kingdom, composed of:

- Mr. J. L. Davies, Assistant General Manager, Milk Marketing Board of England and Wales;
- Mr. A. S. Foot, Research Worker in Animal Husbandry, National Institute for Research in Dairying, Reading;
- Mr. J. B. Douglas, Dairy Farmer, S. W. Scotland;
- Mr. L. G. Troup, Executive Officer, Hampshire War Agricultural Executive Committee, Director of Extension, British Ministry of Agriculture.

Our Board, together with the Director of Dairying and a committee from the industry, acted as hosts for the delegation on a tour of Ontario. Many points of interest, including Niagara Falls, Ontario Agricultural College, dairy farms, milk distributing plants, milk manufacturing plants, cheese factories, creameries and a packing plant, were visited. Representatives of all branches of the industry gathered in Toronto to meet with the delegation and very successful and worth while discussions of dairying in this country and in the United Kingdom took place. The members of the delegation were very much pleased and impressed with what they had seen and learned regarding dairying in Ontario.

CO-OPERATION AND MARKETS BRANCH

The activities of the Branch are devoted to administering The Farm Products Control Act under the jurisdiction of The Farm Products Control Board, and The Credit Unions Act under the jurisdiction of the Supervisor-Inspector and Registrar of Credit Unions. With the purchase of a site by the Ontario Government for the location of a new wholesale fruit and produce market just west of the City of Toronto and the approval of legislation by the Ontario Legislature providing for the establishment of the operating company of this market, to be known as the Ontario Food Terminal, a summary of the history and development of this project is also included.

FARM PRODUCTS CONTROL BOARD

Under The Farm Products Control Act, the Farm Products Control Board is given authority to recommend the approval of marketing schemes, and, if approved by the Minister of Agriculture, to establish and supervise the operation of local boards to administer the schemes.

Marketing schemes are the legally constituted means for collective bargaining and regulating the sale of designated farm products. Each scheme must provide for a definite program of marketing activities and must be supported by a vote by ballot showing that a fairly representative number of the growers concerned are in favour of the scheme.

Each scheme is administered by a local board of growers, elected by the growers. Subject to the approval of the Farm Products Control Board, local boards are empowered to negotiate and fix agreements respecting minimum prices, premiums, discounts, forms of contract and conditions of sale. Growers now have some direct voice and authority in marketing their own produce.

Presently there are ten Schemes covering fourteen crops in force under the Act; viz.,

The Ontario Cheese Producers' Marketing Scheme, 1938
The Ontario Asparagus Growers' Marketing Scheme, 1938
The Ontario Pear, Plum and Cherry Growers' Marketing Scheme, 1938
The Ontario Peach Growers' Marketing Scheme, 1938
The Ontario Tomato Growers' Marketing Scheme, 1940
The Ontario Sugar Beet Growers' Marketing Scheme, 1942
The Ontario Berry Growers' Marketing Scheme, 1944
The Ontario Bean Growers' Marketing Scheme, 1944
The Ontario Pea and Corn Growers' Marketing Scheme, 1945

During the year under review the Board approved the Ontario Pea and Corn Growers' Marketing Scheme after the petition and vote of the growers concerned, required by the Farm Products Control Act. The Scheme provides for the marketing of the Ontario processing pea and sweet corn crops on a similar arrangement to that presently in effect for processing tomatoes.

A brief comment on the working of each Scheme will illustrate the scope of the marketing activity involved.

1. *The Cheese Scheme*

Some 26,000 milk producers supply milk for processing into cheese. The cheese scheme was the first marketing scheme approved under the Act. The purpose of the scheme is—

> "to require the primary sale or primary offer for sale of all cheddar cheese produced in Ontario to be made on local cheese boards under uniform rules and regulations."

The extent the scheme has achieved its primary object of stimulating competition in buying cheese is evident from the figures that during 1945 95% of the cheese graded in Ontario was sold on local boards, whereas only 36.6% of the cheese graded was sold on local cheese boards in 1935, the year prior to the commencement of the scheme's operations.

2. *The Asparagus Scheme*

Some 800 growers sell asparagus annually to the canners in Ontario for processing. Only the processing industry is regulated; i.e., asparagus sold on the fresh vegetable market is exempt from the scheme. One marketing agency appointed by the local board sells all the asparagus purchased for processing, each growing district being allotted its share of the tonnage sold. A unique feature of this scheme is an agreement by the growers to cease cutting when total orders have been filled. In this way production is fitted to demand.

In 1945—1,290 tons of asparagus were sold for processing at a total value of $237,616.77. This comparies with 1,636 tons valued at $313,267.34 sold for processing in 1944.

Official 1945 asparagus minimum prices were the same as 1944; viz.,

1944		*1945*	
Grade No. 1	12¼c per lb.	Grade No. 1	12¼c per lb.
Utility Grade A	10c " "	Utility Grade A	10c " "
Utility Grade B	8c " "	Utility Grade B	8c " "
Grade No. 2	5¼c " "	Grade No. 2	5¼c " "

Actually producers received 13¼c per pound for Grade No. 1, 10¾c per pound for Utility Grade A and 8½c per pound for Utility Grade B in 1945 paid by the processors in order to divert a large tonnage of product from the wholesale and retail fresh vegetable market.

3. The Pear, Plum & Cherry Scheme

The 1945 season due to a combination of weather conditions in April and May beyond the memory of any living grower resulted in near crop failures for pears, plums and cherries for processing purposes.

Some 2,700 growers sold 136 tons of sour cherries valued at $32,765.95; 386 tons of sweet cherries valued at $126,145.54; 104 tons of plums valued at $7,678.38; no Bartlett pears were processed and 92 tons of Kieffer pears valued at $5,437.93, or a total of $172,027.80 for processing in 1945.

This compares with 1,761 tons of sour cherries valued at $351,997.64; 489 tons of sweet cherries valued at $145,292.40; 2,136 tons of plums valued at $194,528.16; 2,563 tons of Bartlett pears valued at $149,042.91, and 5,400 tons of Kieffer pears valued at $303,592.61, or a total of $1,144,453.72 sold for processing in 1944.

In 1945 cherry, plum and pear minimum prices compared with 1944 were—

	1945	*1944*
Sour cherries	open market	open market
Sweet cherries	" "	" "
Plums	$ 90. per ton	$100. per ton
Bartlett pears 2" and up	100. " "	100. " "
Bartlett pears 1¾" to 2"	70. " "	70. " "
Kieffer pears 2" and up	60. " "	60. " "
Kieffer pears 1¾" to 2"	40. " "	40. " "

The above prices include Dominion Government subsidies of $30. per ton paid on sweet and sour cherries processed; $40. per ton on No. 1 Bartlett and $30. per ton on No. 2 Bartlett pears processed; $20. per ton on No. 1 Kieffer and $17.50 per ton on No. 2 Kieffer pears processed.

4. The Peach Scheme

Some 900 growers sold 7,435 tons of peaches valued at $768,634.71 for processing in 1945. This comparies with 8,473 tons of peaches valued at $808,978.00 sold for processing in 1943.

Minimum prices were increased slightly in 1945 due to crop conditions as compared with 1944 levels as follows—

	1945	*1944*
Elbertas and Jubilees	$107.50 per ton	$97.50 per ton
'V" type and other varieties	102.50 per ton	92.50 per ton

The above prices include Dominion Government subsidies of $37.50 per ton paid on all varieties processed in 1945 compared with $32.50 per ton paid on all varieties processed in 1944.

5. The Tomato Scheme

Some 7,500 growers sold 107,767 tons of tomatoes valued at some $2,287,459.15 for processing in 1945. This compares with 243,325 tons of tomatoes valued at $4,890,832.500 sold for processing in 1944.

The minimum price in 1945 to the grower was $20.10 per ton including Dominion subsidy of $6.00 per ton compared with the same minimum price and Dominion subsidy in 1944.

6. *The Seed Corn Scheme*

The membership of this marketing group is comprised of some 260 open pollinated seed corn growers and some 200 hybrid seed corn growers in Southwestern Ontario who specialize in the production of corn for seed purposes. The scheme's object is to make the production of seed corn sufficiently attractive, despite the extra costs of selection and isolation, that certain varieties and strains will be preserved and maintained. Through negotiation with the dealers in seed corn a scale of premiums to the growers for different services rendered is established for the different varieties of hybrid seed corn to be paid over and above the average January market price per bushel for dried commercial corn in each year. Also through negotiation with the dealers in seed corn a scale of minimum prices per bushel is established for the different varieties of open pollinated seed corn in each year. In 1945 some 349,485 bushels of open pollinated seed corn and 232,325 bushels of hybrid seed corn were produced compared with 263,325 bushels of open pollinated seed corn and 147,725 bushels of hybrid seed corn produced in 1944.

The minimum prices for open pollinated seed corn and minimum premiums for hybrid seed corn in 1945, compared with those in 1944 were—

Open Pollinated Seed Corn

		1945	*1944*
(1) Dents, Golden Glow, Wisconsins No. 7, White Cap, Yellow Dent, Bailey, Bloody Butcher & Sweepstakes	Registered No. 1	$5.00 per bu.	$4.25 per bu.
	Registered No. 2	4.75 per bu.	4.00 per bu.
		1945	*1944*
(2) Flints	Registered No. 1	5.50 per bu.	4.75 per bu.
	Registered No. 2	5.25 per bu.	4.50 per bu.

Hybrid Seed Corn

OPTIONS

	1944 *basic price $1.14 per bu. plus following premiums*	*1945* *basic price $1.04 per bu. plus following premiums*
(1) Dealer supplies see; grower supplies land, cultivates and uses every reasonable endeavour to assure early maturity	$ .50 per bu.	$ .50 per bu.
(2) Grower supplies seed, plants, grows, cultivates, detassels, harvests, properly sorts, dries, processes, treats and delivers in new bags	2.75 " "	2.75 " "
(3) Grower supplies seed, plants, grows, cultivates, detassels, harvests, properly sorts, dries, shells and delivers	1.80 " "	1.80 " "
(4) Grower supplies seed, plants, grows, cultivates, detassels, harvests, properly sorts and delivers	1.40 " "	1.40 " "

7. *The Berry Scheme*

Some 400 growers sold 2,714,052 qts. of strawberries valued at $563,053.63 and 83,605 qts. of red raspberries valued at $26,417.00 for processing in 1944. This comparies with 1,219,701 qts. of strawberries valued at $231,895.96 and 181,363 qts. of raspberries valued at $57,379.70 sold for processing in 1943.

As a result of the reduced acreage devoted to berry crops since 1937 which situation has been further aggravated by wartime labour conditions fresh market berry ceiling prices have been relatively higher than authorized berry ceiling prices for processing purposes. Consequently no minimum prices were established for these crops in 1945 and the market declared free and open.

8. The Sugar Beet Scheme

Some 2,500 growers sold 164,156 tons of sugar beets from 17,600 acres with an average sugar content of 17.27% for a total value of $2,042,100.64 for processing in 1945. This compares with 131,328 tons from 14,500 acres with an average sugar content of 18.54% for a total value of $1,602,675.00 sold for processing in 1944.

The minimum average price (16% beet) in 1945 was $11.00 per ton giving effect to the benefit of the Dominion excise tax reductions and including the Ontario subsidy of $1.55 per ton the same as in 1944.

9. The Bean Scheme

As in the case of tree fruits the 1945 growing season for white pea and yellow eye beans was one of the worst on record. As a result no beans, unfortunately, went to Great Britain under the 1945 contract and only a very small percentage of the marketings have been of a quality to make No. 1 Grade with the moisture content of all beans so high that export shipment was unsafe.

Some 5,700 growers marketed approximately 860,000 bushels of beans in 1945 compared with approximately 1,177,864 bushels in 1944. Returns to growers were on a flat price basis of $2.75 per bushel for No. 1 beans including Dominion Government subsidy of 75c per bushel in 1945 compared with a two price plan of $2.50 per bushel for No. 1 beans including Dominion Government subsidy of 50c per bushel for all beans sold on the domestic market and $3.00 per bushel for all beans exported under contract to Great Britain in 1944. The maximum charge for grading and picking beans was set at 7c per pound for each pound picked out as culls in excess of one pound per bushel.

10. The Pea and Corn Scheme

As noted earlier the pea and corn scheme was approved by the Board during 1945. The aims and objects of this scheme are similar to those already in operation, particularly the tomato scheme, and concern chiefly the establishment of minimum prices, conditions of contract and terms of sale of canning peas and sweet corn for processing purposes.

Some 3,500 growers marketed approximately 19,969 tons of peas valued at some $1,062,478.35 and approximately 27.372 tons of sweet corn valued at some $393,292.57 for processing in 1945.

The minimum price in 1945 for peas subject to some minor variations due to the price of pea seed, was $55.00 per ton and for sweet corn was $14.50 per ton for processing to the grower. These prices included Dominion Government subsidy of $10.00 per ton for peas and $4.00 per ton for sweet corn.

General:

As reported in each of the past three years the operations of the Farm Products Control Board were necessarily curtailed and its authority limited following the establishment of the Wartime Prices and Trade Board. This was inevitable under Section 2 (3) P.C. 8528 (Dominion) which provides that no properly constituted authority, Dominion or Provincial, by statute or regulation shall fix or approve any specific maximum or minimum price or mark-up at which any goods or services may be sold, offered for sale or supplied except with the written concurrence of the Wartime Prices and Trade Board.

The Farm Products Control Board has co-operated with the Wartime Prices and Trade Board in every possible way and was able to obtain concurrence to all its 1945 minimum price Orders excepting sweet and sour cherries, strawberries and raspberries.

As reported for a number of past fiscal years there has been under consideration the establishment of a hog producers' marketing scheme. During the present fiscal year the Board arranged for a vote by ballot of the producers concerned to determine the majority in favour of the scheme. Due to the lack of any reliable list of the names and addresses of the hog producers of the Province the Board had first to register all the producers of whom it could obtain a record. Any person over 21 years of age and the owner of one or more hogs on December 1st, 1945, was eligible to register and to vote on the scheme. Under the plan 31,796 persons registered and in the vote by ballot which followed 29,757 producers actually cast their ballots or 93.9% of those who registered. Of the votes cast 29,353 producers voted in favour of the proposed scheme or 98.6% of those who voted and 92.6% of those who registered: 205 producers voted against the scheme and 199 spoiled their ballots. Accordingly the Board recommended to the Minister of Agriculture that the scheme be approved and this was done with the plan to take effect early in the 1946 fiscal year. On coming into operation this marketing scheme which aims to negotiate minimum prices, differentials, premiums and discounts for the grades and weights of live and dressed hogs; to prevent injury and bruising to hogs during transportation and to enquire into the deductions for condemnation insurance and any other matter concerned with the sale of hogs will be the largest Ontario farm industry in point of volume and value of product and number of producers affected to come within the scope of the Farm Products Control Act to date.

In conclusion the Board records that during the 2nd Session of the 1945 sitting of the Ontario Legislature the Farm Products Control Act, 1937, was amended in 1938 and 1939, parent legislation of all the marketing schemes in operation in Ontario, was rescinded and a new Act passed entitled the Farm Products Marketing Act, 1946. This Act contains all of the provisions of the Farm Products Control Act as amended to date and as well provides for a number of further amendments in consolidated form. The new Act clarifies the powers, duties and status of the local boards created under the Act. In addition it changes the name of this Board henceforth to that of the Farm Products Marketing Board.

ONTARIO FOOD TERMINAL

For many years Ontario fruit and vegetable growers have been wrestling with the problem of a modern wholesale fruit and vegetable market in the City of Toronto. In 1906 the situation was investigated at the request of a number of growers and a report published in one of the horticultural magazines of the time. Again in 1912, a similar article appeared in the Canadian Countryman deploring the lack of adequate wholesale marketing facilities at Toronto. A further investigation was made in 1929 but nothing developed because of lack of unity in the wholesale trade. An attempt in 1932 failed because the railroads did not favour a wholesale market that admitted produce by truck. (That objection is no longer raised to-day.) Another effort in 1935 failed because of legislative difficulties in establishing a proposed regional market area. Still another effort failed in 1937 when the fruit trade endeavoured to arrange for a wholesale market direct with one of the railroads. During the war years which followed work on the project was suspended.

A brief sketch at this point of the beginning and the development of the present Toronto wholesale fruit and produce market may be of interest.

Some time before the year 1803 the Executive Government of Upper Canada set apart a block of land five and a half acres in extent, this being the land bounded by what are now known as Jarvis, King, Church and Front Streets, in the City of Toronto, to be used as a market place for the town of York. In October, 1803, this Market Square, as it was then known, was by patent of the Crown granted to four trustees, to be held by them "for the use and benefit of the public". In 1831, an Act transferred the property to the Church Wardens, but in 1834, when the Town of York became the City of Toronto, the statute incorporating the city provided that the Market Square should be vested in the City of Toronto "To hold forever to and for the public uses of the said city, to be superintended and managed as the said city by act of Council shall from time to time direct."

It is under this Act that the City of Toronto still holds the five and one-half acres which over a century ago were set aside to be used for market purposes. The present use to which this land is put and the small area retained for a farmers' retail market, approximately 100 feet by 100 feet, are facts to be considered. In 1897, an agreement was made between the City and the County of York, by which, in consideration of the county removing its highway tolls, the City agreed not to charge a fee to the farmers attending the Market. Following the construction of the St. Lawrence Market shed, the City divided the building into the North St. Lawrence Market, for the use of the farmers, and the South St. Lawrence Market, which was not let for use as a public market, but was leased to retail and wholesale traders in meat, poultry, fish, fruits and vegetables. The whole of the balance of the five and a half acres was leased by the City to various wholesale fruit and produce firms on 21-year renewable leases, and on this property the wholesale trade erected their own buildings. This was the situation roughly at the turn of the present century.

With the growth of the wholesale fruit and produce business and the coming of new methods of handling imported and domestic produce, the wholesale trade developed a system of moving bodily from the wholesale market block during the months from May to October, inclusive, to the old Great Western Station at the foot of Yonge St.. and now owned by the Canadian National Railways. From the point of view of distribution of Ontario produce, this system had significant results. Due to its limited area of approximately 45,000 square feet, its convenient location, and the fact that it soon was established as the wholesale fruit centre, space in the building quickly acquired what was practically a monopoly value. It became the narrow funnel through which passed most of the fruits and vegetables distributed in Toronto in a wholesale way. The building has for years been much too small for the volume of business it carries. Dealers who are forced to operate outside the building complain that space in the market has taken on great value, that dealers who cannot obtain accommodation in it are under serious handicaps, and that if any of the occupants of space in the building go out of business, their space is usually divided between other occupants instead of being open for competitive bidding, as would be the case in public terminals.

In October, with the bulk of the domestic produce marketed, the trade then moves back to its permanent quarters in the wholesale market block, where produce arriving by rail during the winter months is partially trucked to the warehouses for distribution to retail stores and partially trucked direct from the rail cars to the retail outlets.

All factors in the trade are concerned with the fact that Toronto wholesale market facilities have not kept pace with improvements in transportation or with the growth of population. Produce is still moving through a market established seventy-five years ago and originally designed for horse and wagon traffic when the city was only a fraction of its present size, whereas receipts now arrive by refrigerated rail freight and modern trucks and tractor-trailers. In many cases buildings are of inadequate size and in poor repair. Very few are provided with modern cold storage facilities and this results in spoilage of produce. Nor are buildings properly designed for the business they have to carry and this fact, together with the lack of rail connections to the main market, the narrow streets and traffic congestion both to the wholesaler and from him to the retailer, results in inefficiency and additional expense in loading and unloading. The congestion is sometimes so great that hours are required for trucks to move through the market during the peak periods of production.

Two other factors must also be considered in connection with a proposed wholesale fruit market at Toronto. The first is that few persons are aware of the enormous volume of the wholesale fruit and vegetable industry in the City of Toronto. This volume is not only created by the requirements of the citizens of Toronto and the surrounding district. A very substantial tonnage by both rail and truck comes into the City and on its arrival, is diverted to other parts of the Province. There has been a great expansion in truck transportation of fruits and vegetables for which no adequate records are available as to the total receipts. It is unfortunate that no recent figures as to this volume are available. The only reliable figures at hand are those compiled in an official survey made in 1935, but they do give some idea of the size of the industry. These figures show the carlots and carlot equivalents of fresh fruit, vegetables and potatoes brought into Toronto in the year 1935, to the wholesalers.

They are as follows:

Carloads by rail	5,443 cars
By truck, in carlot equivalents	3,191 "
In less than carload lots	184 "
Total	8,823 cars

These figures do not include 838 cars of bananas and 5,072 cars of fruits and vegetables brought in by chain stores direct, or any of the fruits and vegetables sold on the Dundas Street market in that year. When one considers that 1935 was one of the depression years, and that a considerable expansion in production has taken place since then, one can have some idea of the tremendous volume of goods now flowing through the Toronto wholesale channels.

The important feature of these large receipts at Toronto is that that market has become the main fruit and vegetable wholesale price setting market in Central Canada. Prices established there have an effect on all wholesale fresh fruit and vegetable prices from Winnipeg. Man., to the Maritimes, and as such the efficient operation of that market is of great significance to thousands of fruit and vegetable growers both in Ontario and elsewhere.

The second factor is that surveys show that out of every dollar spent by the housewife on fruits and vegetables, the farmer received only 40 cents, while 60 cents went to pay the cost of distribution from the farm to the consumer. In most instances, it was established that the greater part of this distribution cost was incurred after the produce had reached the cities in which it was consumed. These high marketing costs have the double effect of increasing the price to the consumer, and at the same time reducing the amount received by the producer and one of the contributing factors is the inadequacy of marketing facilities at wholesale terminal points.

So much for the present Toronto wholesale fruit and vegetable market facilities which for forty years have been recognized as antiquated and inadequate to meet modern requirements.

Early in the present fiscal year on the conclusion of World War II the Department arranged for this project to be re-opened and a study made of all the data collected over the past decade. Past committees were discharged and a new Committee with representatives from the Ontario Fruit and Vegetable Growers' Associations, the Toronto Wholesale Fruit and Produce Merchants' Association, the two Railroads, the Dominion and the Ontario Departments of Agriculture was appointed and undertook a study of the many details involved in the construction of a modern wholesale fruit and produce market. In addition the Committee visited a number of the more recently constructed American terminal markets as a result of which it is hoped that the plans being developed will combine in the new Toronto market, all the best features of the newer facilities on the continent.

Apart from financing, one of the great stumbling blocks in past efforts to provide new market facilities was the question of site. This was important for two reasons. First the site had to be easily accessible to both rail and truck transportation and secondly, to secure the whole-hearted co-operation of the wholesale trade, it had to be as near to their present location as possible. Over one dozen possible sites were re-examined by the Committee and finally rejected as unsuitable. Two of these should be mentioned—

1. One was the Toronto Board of Harbour Commissioners' property on Fleet Street. This has always been looked upon by all concerned as the preferred location. Land costs, however, are prohibitive in view of the area required and further heavy expenses would have been involved in using reclaimed land, such as piling the buildings and waterproofing the basements. Furthermore, for proper railway accessibility, a location

west of Yonge St. is preferable, and the only available sections of Harbour Board land are located east of Yonge St.

2. The second was Canadian Pacific Railway property at the foot of Bathurst St. Up to about a year ago this had always been regarded as a satisfactory alternative to the Harbour Board property, and joined up with certain city property to the north, would probably have been large enough. Up to 1939 it was available on satisfactory terms. Since then, however, the C.P.R. has declined to make it available at any cost as it is the last large piece of property owned by that company and they feel they will require it for their own purposes in years to come.

Faced with these facts, the Committee then realized that it had to look outside the City for a site, and its first essential was that it had to be convenient for both rail and truck transportation. Some Ontario Government property at Mimico was considered, and while it met requirements in many respects, it was rejected because of its distance from the City. Then the Ontario Department of Highways' property, running south from the Queen Elizabeth Way to the Lakeshore Road, and from the junction of these two highways at the Humber River west to Park Lawn Avenue in the Township of Etobicoke was considered, and was pronounced satisfactory by all concerned. Later it developed that an unsurmountable engineering problem faced the railways because of the grade of the property. There is a drop of twenty feet from the railway level to the Lakeshore Highway and this, in view of its width and shape, made impossible the laying of sufficient railway trackage on the property to meet the market's requirements.

All parties interested were agreed that this general location was the most suitable. Since approximately 90 per cent of all fruit and produce coming into the city came from the west by rail or truck, the Committee then determined to obtain the property immediately to the north of the Ontario Department of Highways' property above mentioned, running from the C.N.R. track north to Queen Street West and from Park Lawn Avenue east to the Humber River.

With general agreement that this location and size of property amounting to some 45 acres in all was the best possible under all the circumstances the Department completed arrangements for its immediate purchase outright as the site for the future Toronto wholesale terminal market.

Any market, particularly a large terminal market, once built tends to become a natural monopoly. Buyers and sellers are forced to do business in the existing market which if operated can, and in a number of instances in the past has levied excessive charges for the use of its facilities and at the same time has failed to provide the improvements that are necessary for efficient handling thus adding unnecessary charges to the cost of food. Efficiency of operation however, requires that there be one centralized market where buyers can obtain all their requirements in one place. Competition between several markets in one city is uneconomical and undesirable. This consideration together with the fact that private interests appear to have been unable to plan and finance proper modern market facilities points the direction of public operation of wholesale terminal markets as community enterprises serving the needs of many groups of citizens.

The Ontario Government therefore proposed a Bill to the 1946 Session of the Ontario Legislature making provision for such a plan of operation. The Bill provides for a Board of not more than seven persons to be appointed by the Lieutenant-Governor-in-Council. This Board will be empowered to construct, equip and operate a wholesale fruit and produce market, to be known as the Ontario Food Terminal, on the site chosen by the industry for its location. To this Board it is proposed will be named representatives of all the interests affected, growers, wholesalers, transportation agencies and Government. Costs of the project will be advanced by the Government on a debt retiring plan over a number of years with the Company. No future fruit and vegetable wholesale market may be established in the City of Toronto and the Counties of York and Peel but this restriction does not apply to any wholesale fruit and produce market presently in operation. The proposed Bill was approved by the Ontario Legislature and is now law.

Prime objective of the project is to achieve a substantial saving in present marketing costs which should benefit producers, distributors and consumers alike.

ONTARIO CREDIT UNIONS

The annual returns filed by Ontario Credit Unions covering the 1945 business year showed a continuance of the phenomenal development reported yearly since 1940. Even though a few small groups were in the process of liquidation at the end of the year and a few other small groups were inactive during the year, the general picture is one of great progress, with total assets at the end of 1945 almost 40% above those of 1944.

47 new credit unions were chartered.

Total membership increased from 44,840 to 53,728, or almost 20%.

Total assets rose from $4,998,582.56 to $6,893,682.96. or an increase of almost $2,000,000.00.

Loan business increased from $3,466,480.76 to $4,658,070.92. One significant development is the increasing interest among farmers, particularly in Northern Ontario. 15 new rural groups were organized during the year, and in the District of Cochrane alone, 15 rural credit unions have been chartered during the two-year period ending April, 1946.

General:

Credit Unions are co-operative savings and credit societies organized on a local basis among groups of people who have a close common bond of occupation or association or are the residents of some well-defined community. The main objectives of these groups are:

1. To develop the habit of regular saving and to encourage a program of personal thrift among the members.
2. By the consolidation of the small savings of many members to create a source of credit at reasonable rates of interest for the provident and productive needs of the members, and
3. To develop a program of education in co-operation and personal finance.

The Credit Union is operated by a Board of Directors with a bonded Manager appointed to handle the funds. Loans are made only after a Credit Committee has approved the same and has defined the necessary security and terms of repayment. The interests of the members are protected by a Supervisory Committee who are responsible directly to the members and who not only audit the books but see that the provisions of the Act and of the Certificate of Incorporation are complied with. The Manager, usually a part-time official, is available at regular times to accept deposits and loan repayments and to pay out withdrawals and loans.

Many Credit Unions also provide secondary services such as co-operative hospitalization, loan insurance, savings, insurance, etc.

The Credit Union is of European origin, but has attained its greatest development on this continent. The first American group was organized by Alphonse Dejardins in Levis, Quebec, in 1900, and from there the movement has spread until today there are thousands of credit unions throughout the United States and Canada. Even though a few Ontario Credit Unions have been operating for over thirty years, the main development in this Province has occurred since 1940. Only 14 of the existing groups were chartered previous to that year.

Ontario Credit Unions are authorized by the Credit Unions Act, 1940 and amendments thereto, which Act replaced the Co-operative Credit Societies Act, 1922, and the Credit Unions Amendment Act, 1939.

INCORPORATIONS

The year 1945 was second only to 1944 in the number of credit union incorporations completed. Forty-seven certificates were issued and even though a few groups were in the process of liquidation at the end of the year, no certificates had actually been withdrawn.

For the first time credit unions were organized in the counties of Durham, Haldimand, Kent and Victoria.

Credit union incorporations and dissolutions to date by years are as follows:

Credit Union Incorporations and Dissolutions

Year	*Charters Issued*	*Charters Cancelled*	*Dissolutions*	*Amalgamations*	*Charters Outstanding as of Dec. 31*
1928	1			....	1
1929	6			....	7
1930	8			....	15
1931	8			....	23
1935	2			....	25
1936	1			....	26
1937			1	....	25
1940	41	9			57
1941	26				83
1942	38*				121*
1943	43	1			163*
1944	58			1	220*
1945	47				267*

* League Charter included.

FINANCIAL STATEMENTS

The financial statements of the 248 Credit Unions that were carrying on active business at the end of 1945 have been consolidated and the combined statements are given below. Owing to the inadequacy of information in a few of the returns and minor inaccuracies in others, it has been necessary to act upon arbitrary assumption in some cases which may have led to error. Such errors, however, will be minor.

COMBINED FINANCIAL STATEMENTS OF 248 ACTIVE CREDIT UNIONS

Combined Profit and Loss Account 1945

Expenditure:

Rent, light and heat	$ 4,434.65
Salaries, allowances, etc.	49,257.48
Office supplies and expenses	27,549.83
Insurance	15,525.52
Interest paid on deposits & loans	70,870.60
Loss on sale of securities	2.13
Other expenses	14,110.87
Refund on loan interest	6,604.73
Guarantee Fund appropriation, Statutory)	27,790.05
Combined profit	91,068.18
	$307,214.04

Revenue:

Interest Earned	$294,725.49
Profit on Sale of Securities	7,430.10
Other Income	5,058.45
	$307,214.04

COMBINED BALANCE SHEET

(after appropriations following 1945 business)

Assets:

Cash		$670,882.63
Accounts Receivable		18,115.08
Prepaid Accounts		13,408.22
Loans to Members:		
Personal	$2,208,461.51	
Mortgage	1,507,318.79	
		3,715,780.30
Investments:		
Surp. Funds	$2,234,628.14	
Guar. Funds	206,275.56	
		2,440,903.70
Furniture & Fixtures		7,453.03
Real Estate		27,140.00
		$6,893,682.96

Liabilities:

Accounts & Loans Payable		$ 233,078.25
Members' Deposits		3,324,557.72
Dividends Payable		66,975.32
Interest Return Payable		6,604.73
Educational Funds		2,826.81
Reserves:		
Guar. Fund (Statutory)		278,039.39
Sundry		44,936.61
Members Equity:		
Share Sav.	$2,894,638.01	
Undivided Earnings	42,026.12	
		2,936,664.13
		$6,893,682.96

GENERAL PROGRESS

The continued progress of credit unions in Ontario is shown by the membership figures and other statistical information given in the annual returns to the Inspector. Total provincial membership at the end of each year was as follows:

Year	*Membership Dec. 31st*	*Increase Over Previous Year*
1939	8,809	......
1940	14,461	56.52
1941	18,670	42.09
1942	23,699	50.29
1943	32,290	85.91
1944	44,840	125.50
1945	53,728	88.88

Other statistical information for the end of the business years of 1944 and 1945 indicate that the development is not only in membership but also in business carried on.

Item	*1944*	*1945*
No charters outstanding	219	266
League organizations	1	1
Incorporations during the year	58	47
Charters cancelled or surrendered	1	...
Number Active Credit Unions		248
Total Assets	$4,998,582.56	$6,893,682.96
Total Guarantee Funds	240,580.07	276,895.65
Savings of Members		
Total Membership	44,840	
Total "Share" Savings	$2,042,471.30	$2,894,638.01
Total "Deposit" Savings	2,445,574.96	3,324,557.72
Total Savings	4,488,046.26	6,219,195.73
Total Savings per member	100.09	115.75
Loans		
Number Members Borrowing	16,495	19,726
Number Loans made	29,336	34,699
Total Amount of Loans made	3,466,480.76	$4,658,070.92
Average Size of Loan	118.13	134.24
Average Loans per Borrower during year	210.15	236.14
Loans outstanding Dec. 31		
Personal	$1,649,357.19	$2,208,461.51
Mortgage	959,804.56	1,507,318.79
Bad Loans written off	708.52	1,871.05

The distribution of Credit Unions in Ontario by Counties, together with their total assets at December 31, 1945, are as follows:

County or District	*New Incorporations During 1945*	*Number Credit Unions*	*Total Assets*
Carleton	2	14	$3,189,032.16
Durham	1	1	1,446.95
Frontenac		1	2,974.00
Hastings		1	201.04
Ontario		2	22,727.75
Peterboro		2	7,148.12
Prescott		4	112.346.32
Renfrew	1	11	28,099.28
Russell	1	7	51,147.79
Victoria	1	1	357.04
Western Area			
Brant		1	$ 2,653.90
Bruce		2	5,288.33
Dufferin		1	1,557.65
Essex		23	155,616.04
Grey		1	4,410.19
Haldimand	1	1	Inactive
Kent	1	1	New
Lambton		3	20,108.46
Lincoln		1	2,394.11
Middlesex	3	7	21,888.40
Oxford		2	16,819.40
Perth		1	9,913.98
Simcoe	3	11	63,653.71
Waterloo		1	2,336.57
Welland		3	99,482.59
Wellington		1	1,392.23
Wentworth		29	1,032,179.85
York	13	82	1,354,497.17

Northern Area			
Algoma	....	1	931.14
Cochrane	6	15	375,614.65
Kenora	1	2	16,990.85
Muskoka	....	3	4,836.53
Nipissing	4	7	16,327.76
Rainy River	2	4	12,046.75
Sudbury	2	6	70,732.17
Thunder Bay	3	8	108,817.37
Temiskaming	1	5	77,712.23

ONTARIO CREDIT UNION LEAGUE

The Ontario Credit Union League Limited, was incorporated in 1942 under Section 48 of the Credit Unions Act with membership open to any local credit union in Ontario. This organization has been giving service to a steadily increasing number of credit unions throughout the Province.

In addition to educational and organizational services, the League has recently offered an auditing service to local credit unions. Business activities include the operation of a Supply Department, a Central Credit Department, and the publication of a magazine "The Credit Union News". Through membership in the international organization, Credit Union National Association (CUNA) the League is able to offer loan insurance, life savings insurance, bonding coverage and other services.

During 1945, the Supply Department provided local credit unions with bookkeeping supplies, educational pamphlets, etc., at favourable prices, and to a total value in excess of $3,000.00. 723 individual orders were handled.

The Central Credit Department is becoming of increasing value each year. Local credit unions with surplus funds may deposit these with this department and in turn these moneys are loaned to other credit unions whose loan demand exceeds their assets. The deposits and loans of this department are handled in the same manner as the local credit union handles the deposits and loans of the individual members. The total assets increased during the year from $48,201.60 to $83,661.55 or over 70%.

Membership in the League increased during the year from 143 to 178, of whom 94 local credit unions participated in the services of the Central Credit Department.

The League holds a yearly convention in connection with its Annual Meeting. The 1945 Convention in London was well attended and did much not only to develop interest in credit unions, but also to establish policies for the movement throughout the Province.

An integral part of the League organization is the establishment of local chapters in areas where the number of credit unions justifies such action. These chapters are not incorporated and their work is largely of an educational and promotional nature.

An example of the worthwhile services of the Chapter groups is the Annual Officer-training School sponsored by the Toronto Chapter. This school runs for several weeks with different nights allocated for discussion of the work of the various offices and with an experienced person picked to lead the discussion of the work of each office. This school has been well attended and the results in increased efficiency are quite evident. Other chapters have similar programs.

Another example is the educational work, book-keeping advice and translation services given by the Ottawa Chapter to the French-speaking groups of Ottawa and the Eastern Counties.

RURAL CREDIT UNIONS

Previous reports have suggested that even though the credit union movement was originally a rural development and even though rural groups are numerous and very successful in other Provinces, the program has not yet made any strong appeal to Ontario farmers.

It would appear that this comment is no longer fully true and that a definite rural interest is now developing, particularly in Eastern and Northern Ontario. During the last two years the number of credit unions serving farm groups has increased from 27 to 61. These groups now have a combined membership of 3,330 and even though comparatively young, have accumulated total assets of $411,986.24. During 1945, these groups supplied farm credit to a total amount of $214,827.57.

The location by counties and the year of incorporation of these rural credit unions is given below.

	No. of Rural Credit Unions by Years of Incorporation						
County	*1940*	*1941*	*1942*	*1943*	*1944*	*1945*	*Total*
Bruce	2						2
Essex				1	1		2
Grey				1			1
Haldimand						1	1
Lambton	1						1
Lincoln						1	1
Oxford			1				1
Simcoe			1		1		2
Wellington			1				1
Wentworth					1		1
							13
County							
Carleton					1		1
Hastings		1					1
Peterboro				1			1
Prescott			2		2		4
Renfrew	2	3	3				8
Russell			2	1	3	1	7
Victoria						1	1
							23
County							
Algoma			1				1
Cochrane					5	6	11
Nipissing	1			1		4	6
Rainy River					2	1	3
Sudbury					2		2
Thunder Bay						1	1
Temiskaming			1				1
							25
Totals	6	4	12	5	18	16	61

The developing interest in credit unions among farm groups was further widened during the year by the setting up of a standing committee on Rural Credit Unions. This committee is technically a committee of the Ontario Credit Union League, but its membership includes several representatives of the Ontario Federation of Agriculture.

Two meetings of this committee have been held and some progress has been made in the study of the following two problems:

1. What changes in existing credit union technique is needed for rural groups in Ontario, and
2. The adaptation of existing educational material to rural groups.

WAR EFFORT

The contribution of Credit Unions to the recently completed war effort is worthy of mention in this report.

In addition to the thousands of members who served in the armed forces and the even larger number who produced the sinews of war on our farms and in our factories, and in addition to the ordinary citizen's regular purchases of War Saving Certificates and Victory Bonds, a very considerable group contribution was made to our war-time finance program.

The anti-inflation program was assisted by the members depositing in their credit unions four million dollars during the period of the war.

Most of the surplus funds of credit unions during the war were invested in Victory Bonds and up to the end of 1945 the direct subscription for War Bonds and Victory Bonds (exclusive of purchase for individual members) had amounted to $2,763,552.44.

CONCLUSION

The Credit Union movement is continuing to expand and develop in the Province of Ontario. The fact that this expansion is taking place without the services of paid organizers would indicate that the program is filling a definite need. As in former years the major development has been among urban groups, but there is an increasing interest in rural areas and a number of rural credit unions were organized during 1945, many of which were in Northern Ontario.

As a result of the Credit Union Program there are now over fifty thousand people in Ontario who have been encouraged to develop a personal savings program and who have gradually accumulated a combined savings account of almost seven million dollars. These same people have been provided with credit for provident and productive purposes to an amount of over four and a half million dollars during 1945 and in excess of twenty-four million dollars during the life of existing credit union groups. Many of these people have never become accustomed to using commercial banking facilities and so, for the first time, have the feeling of security, which comes from a savings account and a source of credit in time of need.

The development during 1945 has been not only in size but also in efficiency. Management has become more experienced, accountancy has improved considerably, and adequate methods of internal control and audit are being evolved.

CREDIT UNIONS INCORPORATED IN 1945

No.	*Name*	*Incorporation*	*Group Served*
223	(Caisse Populaire Ste. Anne de Sudbury Ltee) Ste. Anne's Parish (Sudbury) Credit Union Limited	Feb. 5/45	Members of St. Anne's Parish.
224	Somerville Employees' (London) Credit Union Ltd.	Feb. 5/45	Employees of Somervile Ltd.
225	(Caisse Populaire de Jogues Ontario Limitee) Jogues Ontario Credit Union Limited	Feb. 26/45	Members of Jogues Parish.
226	Dunn Township Credit Union Limited	Mar. 13/45	Residents of Dunn Township.
227	Swift Employees' (Toronto) Credit Union Limited	Mar. 13/45	Employees of Swift-Canadian Co. Ltd.
228	Queen's Park Civil Service Credit Union Limited	Mar. 28/45	Employees of the Ontario Government offices, Queen's Park area.
229	Caisse Populaire St. Jean-Baptiste de Pembroke Limitee— St. John the Baptist Parish (Pembroke) Credit Union Limited	Mar. 28/45	Members of St. Jean Baptiste de Pembroke Parish.
230	Our Lady Help of Christian Parish (Victoria Road) Credit Union Limited	Mar. 28/45	Members of Our Lady Help of Christian Parish (Victoria Road).
231	Institute of Modern Residential Planning Credit Union Limited	Mar. 29/45	Members of Institute of Modern Residential Planning.
232	Baylinda Compos (Toronto) Credit Union Limited	Apr. 10/45	Empoyees of Toronto Evening Telegram.
233	Shipyards Employees' (Midland) Credit Union Ltd.	Apr. 10/45	Employees of Midland Shipyards.
234	St. Margaret's Parish (Midland) Credit Union Ltd.	Apr. 18/45	Members of St. Margaret's Parish.
235	Pinewood Community Credit Union Limited	Apr. 18/45	Residents of Pinewood.
236	York Township Teachers' Credit Union Limited	Apr. 18/45	Members of Teaching Staff Board of Education. York Township.
237	Victoria Harbour Credit Union Limited	Apr. 23/45	Residents of Victoria Harbour.
238	Brompton Pulp & Paper Employees' Credit Union Limited	Apr. 23/45	Employees of Brompton Pulp & Paper Co.
239	Holy Cross Parish (Toronto) Credit Union Limited	Apr. 23/45	Members of Holy Cross Parish.
240	Dorion Community Credit Union Limited	May 1/45	Residents of Dorion Township.
241	Tech (Toronto) Credit Union Limited	May 11/45	Members of Teaching Staff of Technical Schools.
244	North Neebing Credit Union Limited	May 11/45	Residents of north section of Neebing Township.
243	Esander Drive (Leaside) Credit Union Limited	May 18/45	Employees of E.S. & A. Robinson (Canada).
244	Ganaraska (Pt. Hope) Credit Union Limited	May 18/45	Members of Ganaraska Study Club.
245	Cilco Employees' (Toronto) Credit Union Limited	May 18/45	Employees of Canadian Industries Limited.
246	Caisse Populaire de Verner Limited	May 31/45	Members of St. John de Baptiste of Verner Parish.
247	Caisse Populaire Ste. Philomene de Bonfield Limited	May 31/45	Members of Ste. Philomene de Bonfield Parish.
248	Current River Credit Union Limited	May 31/45	Residents of Current River, Port Arthur.
249	St. Ann's Parish (Toronto) Credit Union Limited	May 31/45	Members of St. Ann's Parish.
250	Our Lady of Perpetual Help Parish (Ottawa) Credit Union Limited	June 21/45	Members of Our Lady of Perpetual Help Parish.
		June 21/45	Members of Opasatika Parish.
252	Steelwares Employees' (Toronto) Credit Union Ltd.	June 21/45	Employees of General Steelwares Ltd.
253	Creighton Mine Community Credit Union Limited	June 26/45	Residents of Creighton Mine.
254	C.N.R. Carshops Employees' (London) Credit Union Limited	July 26/45	Employees of C.N.R. Carshops.
255	Caisse Populaire St. Jacques d'Embrun Limited	Aug. 9/45	Residents of Embrun.
256	St. Stanislaus Parish (Toronto) Credit Union Ltd.	Aug. 9/45	Members of St. Stanislaus Parish.
257	Chaput Hughes Community Credit Union Limited	Aug. 16/45	Residents of Chaput Hughes.
258	McCormick's Employees' (London) Credit Union Limited	Sep. 11/45	Employees of McCormick's Ltd.
259	St. Mary's Parish (Fort Francis) Credit Union Ltd.	Sep. 20/45	Members of St. Mary's Parish.
260	Caisse Populaire de Coppell Limited	Oct. 11/45	Members of Parish of Coppell.
261	Caisse Populaire Transfiguration de Cochrane Ltd.	Nov. 1/45	Members of the Church of the Transfiguration.
262	Keewatin Citizens' Credit Union Limited	Nov. 1/45	Residents of Keewatin.
263	Caisse Populaire de River Valley Limited	Nov. 10/45	Members of Ste. Rose de Lima Parish.
264	Caisse Populaire de Field Limited	Nov. 20/45	Members of St. Joseph de Field Parish.
265	Caisse Populaire de Fauquier Limited	Nov. 20-45	Residents of the Township of Shackleton.
266	Libby Employees' Credit Union Limited	Nov. 27 45	Employees of Libby McNeill & Libby of Canada Ltd.
267	Ottawa Separate School Teachers' Credit Union Ltd.	Dec. 24/45	Inspectors and members of Teaching Staff.
268	Toronto United Negro Credit Union Limited	Dec. 28/45	Members of Toronto United Negro Association.
269	Caisse Populaire de Genier Limited	Dec. 28/45	Members of Genior Parish.

CROPS, SEEDS AND WEEDS BRANCH

SEED PROGRAMME

Most of the seeding was completed quite early in 1945. However, six weeks of cold wet weather followed which was most unsatisfactory for growth. On many farms Spring seeding was spread over a four month period. Spring crops sown early on high land turned out very well; crops sown after the weather settled were too late to give good yields. New rusts appeared in some areas and played havoc with the Oat crop. Late summer rains resulted in a partial loss of some crops. Considerable reseeding was necessary. This Branch assisted in locating sufficient seed for our requirements. Contacts were made between buyer and seller of seed, seed surveys were made at regular intervals until seeding was completed and lists of seed for sale were prepared and given wide distribution.

SEED CLEANING PLANT POLICY

Under this policy a subsidy of 50% of invoice price of seed cleaning machinery plus 50% of freight not to exceed $250.00 in any one case is available. Steady progress has been made in the installation of plants under this policy since it came into effect in 1931. Our subsidy was paid during the year on plants at Milverton, Sault Ste. Marie, Barrie, Ayr and Erin. This Branch assisted in the installation of these new plants and the supervision of all plants on which our subsidy has been paid. Total number of plants installed to date under policy—113.

GRAIN AND POTATO CLUBS

This Branch in co-operation with the Plant Products Division, Dominion Department of Agriculture paid $1.00 per entry exhibited by Club Members on Club Achievement Day up to a maximum of $20.00 to each Club. Assistance was given at Provincial Inter-County Club Competitions, also in supplying show ribbons and prize money for same. Expenditure during the year to Grain and Potato Clubs amounted to $917.33.

NORTHERN ONTARIO SEED PURCHASING POLICY

This Branch had charge of seed for Northern Ontario under this policy. All seed purchased graded in accordance with The Canada Seeds Act. Distribution of seed was taken care of by Agricultural Representatives in their respective districts. The following is a brief statement of our expenditure under this policy: Total Expenditure $6,954.33. Cash Received $5,958.10.

The introduction of early maturing varieties, seed cleaning plants and better cultural practices has made the North more self supporting and has resulted in a reduction each year to our expenditure under this policy.

AGRICULTURAL LIMESTONE POLICY

Our Branch in co-operation with the Dominion Department of Agriculture and railway companies offers the following Provincial assistance with the transportation of agricultural limestone:

(a) Assistance in payment of freight by rail up to a maximum of $1.00 per ton in Southern Ontario and $1.75 per ton in Northern Ontario.

(b) Assistance with transportation by motor truck at the rate of 3 cents per ton per mile up to 50 miles, maximum subsidy $1.00 per ton, minimum subsidy 50 cents.

Tonnage on which subsidy was paid by rail — 256 cars — 9,330

Tonnage on which subsidy was paid by motor truck — 731

POTATO IMPROVEMENT

Continued progress was made during the year in potato improvement. Acreage was 116,000 with a yield of 8,500,000 bushels valued at almost $18,000,000.

At the beginning of the year, keen demands for seed and table stock prevailed from U.S.A. Export permits were issued and a total of 711 carloads were exported from the 1944 crop. Permits were issued from the office of this Branch. Imports were regulated by the Wartime Foods Corporation in order to maintain price ceilings.

Other notable features during the past year were as follows: Definite decision was made to license truckers; increased numbers of sprayers and dusters were used, either individually or on co-operative or custom basis. A new official record for yield of potatoes in Ontario was secured by John Vanderhorst, Fort Frances, Rainy River District, who produced 684 bushels per acre. The first potato growers' co-operative storage was built and put into use at Cochrane. Investigation was made into the possibility of establishing plants for the manufacture of starch, glucose, alcohol and other products from off-grade or surplus potatoes. A new record was established for number of acres passed for certification, acreage being more than 700 above the precious year. Cost of production studies were continued. Several groups of growers became interested in co-operative marketing activities.

During the year two hundred and seven growers took part in twelve 500 Bushel Potato Clubs sponsored by Crop Improvement Associations. The average yield was 266 bushels per acre; two growers obtained over 600 bushels, three over 500 bushels and yields of twenty competitors were over 400 bushels per acre. Substantial prizes, including seven gold watches, were awarded in each contest. Certificates of merit were presented to each grower who reached the objective. Potato banquets were held by seven groups.

Marked progress was made in the eradication of Bacterial Ring Rot disease by means of a survey conducted by fieldmen and enforcement of Plant Diseases Act as indicated by the following figures:

	Farms Inspected	*Farms Infected*	*Approximate Inspected*	*Acreage Infected*
1943	902	157	10,000	1,200
1944	3,000	463	30,000	2,800
1945	3,300	281	31,000	1,200

The disease was found in 16 countries and districts in 1945 as compared to 24 in 1944. Percentage of infection varied from trace up to 35%. Practically all growers co-operated in an excellent manner in cleaning up infection. Contamination from sources outside the Province is still a dangerous menace.

D.D.T. was used for the first time on potatoes in both an experimental and commercial way with excellent results. This Branch co-operated in testing thirty spray and dust materials in test plots, and various field demonstrations for spraying and dusting, crop rotations, fertilizer application and placement, etc.

The work of extension included preparation of more than 75 publicity articles, attendance at over 100 meetings, judging approximately 300 potato fields, also several seed shows and exhibits, arranging radio talks, following up resolutions, work on various committees, study of problems and distribution of general information by letters, telephone and personal contact in connection with potato production and marketing.

ONTARIO CROP IMPROVEMENT ASSOCIATION

The Ontario Crop Improvement Association is now 100% organized. Forty-five active Branches are operating in every County and District under the direction of this Branch. A $200.00 annual grant is available to each Branch Association on approved projects which are undertaken. Our 1945 programme was the most extensive in record. The following is a brief summary of projects which were undertaken during the year.

Type of Project	*Number of Projects*	*Number of Co-operators*	*Acreage*
Cereal variety tests and demonstrations	58	361	580
Hybrid corn tests and demonstrations	30	161	304
Potato variety tests and demonstrations	33	593	488
Fertilizer and lime tests and demonstrations	19	78	246
Hay, pasture tests and demonstrations	18	74	181
Long term pasture demonstrations	54	173	712
Miscellaneous — Soybeans, weeds and brush eradication, Barberry control, Turnip spraying, etc.	28	407	289
Total	240	815	2,808

In the majority of cases a check plot was included as part of the demonstration for a purpose of making comparison, all worthy demonstrations were identified by metal signs 15 inches by 24 inches on which the following words were printed "Ontario Crop Improvement Association Project on this Farm. Inquire for Information."

Reports on the year's activities were prepared by Branch Associations and given wide distribution. Other activities of Associations included field and hall meetings, farm tours, assistance in obtaining local seed requirements, 800 Bushel Turnip Clubs, 500 Bushel Potato Clubs, 100 Bushel Corn and Oat Clubs, 75 Bushel Barley Clubs, 50 Bushel Fall Wheat Clubs, 30 Bushel Pea Clubs, etc.

The Annual Meeting and Seed Display held in Toronto in February was the largest and most successful in the history of the Association.

A field day was devoted to potatoes, also a full day to weeds and one half day sessions on registered seed, Turnips and pastures. The expenses of one delegate from each Branch to this meeting are paid by the Department. Twenty thousand reports of addresses presented at this meeting were printed and given wide distribution.

SEED FAIRS

Seed fairs continue to hold the spotlight as one of the outstanding projects of a number of Crop Improvement Associations. These events are of value in making farmers more seed minded, in showing what can be produced, in enabling buyer and seller of seed to meet, in introducing recommended varieties and in giving farmers an opportunity to discuss their soil and crop problems. The following is a brief summary of the number of seed fairs and seed displays held:

Seed fairs and seed displays held	31
Number of exhibitors	856
Number of entries	2,427
Attendance	10,623
Seed grain for sale	106,280 bushels
Small seeds for sale	139,996 pounds
Potatoes for sale	11,155 bags

Note: This report includes The Ottawa Valley Seed Growers and the Quinte District Seed Growers' seed fairs.

LONG TERM PASTURE PROJECTS

Our long-term Pasture Project was undertaken for the purpose of focusing farmers' attention on every phase of pasture improvement including seed bed preparation, mixtures, seeding, management and results. The plan of establishing improved pasture plots to provide a practical demonstration of the superiority of certain types of pastures was adopted in the Spring of 1944. The Ontario Pasture Committee worked out the details in connection with this Project; the Ontario Crop Improvement Association carried them out. Regulations called for clean, well drained fertile fields, demonstration plots to be at least 3 acres in size and not more than 5, with a check plot adjoining of at least 3 acres; maximum acreage per county 20; fields to be selected by Branch Associations. Eight hundred and forty-five acres were seeded to the demonstration mixture on the farms of 188 co-operators in 1944. The seed mixture was as follows: Brome—5 lbs. per acre; Orchard Grass—4 lbs. per acre; Meadow Fescue—3 lbs. per acre; Timothy—4 lbs. per acre; Canada Blue—1 pound per acre; Kentucky Blue—2 lbs. per acre; Alfalfa—3 lbs. per acre; White Dutch——2 lbs. per acre. Total 24 lbs. per acre.

In addition Perennial Rye seed was supplied to one plot per county at the rate of 8 pounds per acre to be used as a nurse crop and Ladino Clover to one plot per county at the rate of 1 lb. per acre. We were unable to obtain sufficient Ladino seed for all plots. Cost of seed mixture $10.71 per acre.

Fertilizer was applied at seeding time, 200 pounds per acre 4-12-6.

Record sheets were provided for the purpose of tabulating complete information on each plot and instructions in connection with pasture management, etc. was forwarded to each co-operator in the Fall and again in the Spring of 1945. At the beginning of the 1945 pasture season five fieldmen were appointed, each operating in a district in the Province for the purpose of assisting in the establishment of the best possible demonstration plots. These men estimated the percentages of each of the species showing in the mixture, samples of forage was clipped from one demonstration plot (protected by a cage) per district in order to determine the actual dry matter per acre and the nutritional value of same.

Fertilizer demonstrations were located in the Fall of 1945 on one plot per county, seed was provided for thickening up plots on which thin stands were established, assistance and advice were given in the management of 1944 plots and in the establishment and management of 1945 plots.

Uniform metal signs 15" x 24" reading "Long Term Pasture Demonstration on this Farm" were provided by the Ontario Association and erected to mark each satisfactory demonstration. The project was continued in 1945. A total of 712 acres was seeded to the demonstration mixture on the farms of 173 co-operators. Minor changes were made to the mixture; Ladino Clover being available in quantity to permit its being seeded at one pound per acre. Fertilizer was applied to each demonstration plot according to soil test. The total cost of the 1945 seed mixture per acre was $9.36. All seed and fertilizer for this project was supplied by the Ontario Department of Agriculture and purchased, mixed and shipped by the Ontario Association.

ADMINISTRATION OF THE WEED CONTROL ACT

The labour situation, gasoline and rubber restrictions made it extremely difficult to make progress in the control of weeds. Weed Inspectors were appointed by Municipal Councils, seven District Weed Inspectors were appointed by the Department, information and supplies were forwarded to all Inspectors. These men were contacted from time to time during the Summer months by visits and circular letters, and every effort was made to control noxious weeds under existing conditions. Broadcasts and news letters on weed control were prepared. As soon as hostilities in Europe ceased immediate plans were made for a more extensive weed control programme. A weed control advisory committee was appointed, two meetings were held and recommendations were made including suggested amendments to The Weed Control Act. Amendments to the Act passed by the Legislature include:

1. Appointment of County Weed Inspectors.
2. Registration of seed cleaning plants.
3. Prohibiting the careless disposal of weed seeds.

Ten District Weed Inspectors were appointed during the latter part of the year to assist in directing our 1946 programme.

SPRAYING DEMONSTRATIONS

In order to encourage the use of chemicals as a means of weed control, the Department through this Branch purchased a 50 gallon model weed sprayer and conducted demonstrations throughout the province on roadsides, fence lines, summer resorts, military camps, cultivated areas, etc. using proven chemicals including Stephen Weed Killer, Atlacide, Ammate and Sinox. Demonstrations were advertised, brief talks were given and records were kept. Three large demonstrations were undertaken at the following points:

1. In co-operation with Dover Township Council, Kent County nine chemicals were applied on one-quarter acre plots on an area infested with Field Bindweed.

2. In co-operation with Elma Township Council, Perth County, twelve one-quarter acre plots infested with Leafy Spurge were sprayed on 3 different dates using 3 chemicals.

3. In co-operation with Scarborough Township Council, York County 18 chemicals were applied on an area infested with Wild Carrot and Chicory.

Assistance was given to various Township and County Councils in obtaining their chemical requirements, in the purchase and care of sprayers and on their spraying operations.

This Branch co-operated with Dominion and Provincial Departments also commercial firms in experimental and demonstrational work with proven and new chemicals which are being offered.

Five demonstration weed sprayers were purchased for further work of this nature during 1946.

TESTS WITH SEED TREATERS

Tests were continued during the year with several seed treaters under direction of this Branch in co-operation with the Field Husbandry and Botany Departments, O.A.C., Guelph, Field Husbandry and Botany Divisions, C.E.F., Ottawa, and The Division of Industrial Hygiene, Ontario Department of Health, with the objective of improving the efficiency of and eliminating the hazard to health of the machines being offered. As tests were conducted machines which were found unsatisfactory were dropped. As a result of these tests we expect to be in a position during the current year to make definite recommendations.

CROP, SEED AND WEED COMMITTEES

Weed Control Advisory Committee

This Committee was appointed immediately following the end of the war for the purpose of planning our post-war weed control programme. Two meetings were held, a programme was drawn up and suggested amendments to The Weed Control Act were prepared for the consideration of the Legislature.

Advisory Committee on Herbicides

This Committee includes representation of the Botany and Field Husbandry Departments O.A.C., Botany and Field Husbandry Divisions C.E.F. and The Crops, Seeds and Weeds Branch, appointed for the purpose of planning and directing experimental and demonstrational work with herbicides. Definite plans are being followed including a uniform plan of recording data and reports will be prepared at the end of each year for the guidance of those interested in this method of weed control.

Alsike Seed Production Committee

This Committee which includes representation of the Dominion and Provincial Departments of Agriculture, the Seed Trade and Seed Growers was organized to investigate the reason for failure of the Alsike crop to set seed. Several meetings were held and some work was undertaken including:

1. Observations of representative Alsike fields in Haldimand, Victoria and Peterboro counties including (a) soil types and analyses, (b) prevalence of Snout Beetle and damage from its larva, (c) prevalence of fungi infestation.

2. Spray and dust experiments in control of Snout Beetle.

3. Increase of strains of Northern British Columbia and Northern Alberta Alsike seed under contract. Several meetings of the Committee were held for the purpose of hearing reports and planning future activities in connection with this problem. It is probable that the work of the Committee will be extended to include all forage crops.

Ontario Pasture Committee

This Committee which includes representatives of the Department has been organized to plan our programme in connection with future improvement. Our Long-Term Pasture Project has been undertaken under the direction of this Committee. Several meetings of the Committee were held during the year.

Advisory Committee on Agricultural Limestone

This Committee was appointed during the year for the purpose of reviewing our Agricultural Limestone Policy and formulating plans for the future.

Seed Marketing and Publicity Committee

The Directors of the Ontario Crop Improvement Association appointed a Seed Marketing and Publicity Committee during the year. Two meetings were held and action was taken on several matters in connection with seed production and marketing including the publication of an annual catalogue listing seed for sale.

Potato Advisory Committees

Two advisory Committees on Potato Production and Marketing were appointed under The Ontario Crop Improvement Association for the purpose of giving guidance in the production and marketing of the potato crop (1) Growers Committee (2) Departmental Committee. These Committees met twice during the year to review the work and plan future activities, and sub-committees met frequently as problems arose in connection with the industry.

Standing Committee on Field Crop Improvement

This Committee includes representatives of the Dominion and Provincial Departments of Agriculture. The publication of Extension Circular No. 68 "Guide to Crop Production in Ontario" was undertaken under the direction of this Committee. Problems in connection with soils, crops, seeds and weeds were discussed annually by this Committee.

In addition to assistance in the various Committees referred to, members of this Branch assisted with the activities of The National Flax Council, The Departmental Implement Committee, Departmental Radio Committee, Field Root and Garden Vegetable Seed Production Committee, Canadian Horticultural Council, Statistics Committee, etc.

GENERAL CROP IMPROVEMENT PROGRAMME

Assistance was given in York and Lanark Counties in eradication of Barberry and Buckthorn.

A Dodder Control experimental plot was located, in co-operation with the Central Experimental Farm, Ottawa on a Dodder infested farm in Glengarry County. Various crops were sown with the object of determining crops which are immune and susceptible to Dodder, information obtained to be used in our recommendations to farmers who have this weed in their lands.

This Branch co-operated with our Publicity Department in the preparation of news items on crops, seeds and weeds. A number of broadcasts were prepared for presentation over C.B.L.

The activities of the Branch during the year also included regular office routine, assistance on various committees and sub-committees, judging field crop competitions, Fall fairs and seed fairs, preparation and distribution of various mimeographed articles, pamphlets and bulletins on crops, seeds and weeds, preparation and setting up of displays at various Fall fairs, seed fairs, field days and crop meetings, and assistance with a general crop improvement programme throughout the Province.

This Branch is becoming larger each year as new work is taken on and our activities become greater. Five fieldmen were employed full time during the year and as high as 30 men during the growing season.

PROVINCIAL ENTOMOLOGIST

The Provincial Entomologist continued for the fourth year as Acting Head of the Department of Entomology, Ontario Agricultural College, Guelph. H. W. Goble, Associate Professor of Entomology, was appointed Assistant Provincial Entomologist during the current year.

RESEARCH AND EXPERIMENTAL WORK

In view of the heavy extension and regulatory programme of the Provincial Entomologist, research and experimental work is carried on by some members of the staff of the Department of Entomology, Ontario Agricultural College, under his guidance and supervision.

Five County Potato Research Projects

On the basis of experimental plot results secured from thirty replicated treatments in Middlesex County in 1945, DDT is the outstanding insecticide thus far developed for control of potato leaf hopper. Increases in yields of up to 150 bushels per acre were obtained by the use of DDT alone. Combinations of DDT and some of the established copper fungicides, as well as various promising new organic fungicides also markedly increased yields of tubers over unsprayed plots. The results secured were submitted to potato growers at the annual meeting of the Crop Improvement Association, held in Toronto in February, 1946. Recommendations for control programmes on the basis of results secured in these experiments had a marked effect upon the schedules planned by potato growers for the ensuing season. Potato flea beetle and Colorado potato beetle are also controlled by DDT.

Warble Fly Control

Early in 1946 arrangements were made to adapt to Ontario conditions the power spraying method of warble grub control which has been in use in Alberta for two seasons. The large herd treatment involved several thousand beasts in one herd is not practicable under Ontario conditions. In conjunction, therefore, with the Township Council of Goderich Township, a commercial implement firm and the Livestock Branch, experiments were planned for individual herd treatment of all cattle in Goderich Township, Huron County. Early tests showed that it was feasible to treat tied cattle as well as cattle in loose decks by means of the power sprayer method of application. Two spray machines, each mounted on a light army truck, delivered derris wash of 4.5% rotenone content at 400 lbs. pressure. At this pressure the scabs were removed from warble cysts apparently equally as well as by the scrubbing brush and bucket method of earlier hand application campaigns. The operation can be carried on at a speed and price which should prove quite attractive to cattle owners of all kinds in the province. Because of the life history of the warbles only the first control application could be made before April 1st, 1946. Three applications at monthly intervals would seem to be clearly indicated under Ontario conditions.

EXTENSION

Spray Service Supervision

Spray service circulars with directions for each spray application were prepared jointly with the Department of Botany of the Ontario Agricultural College, and sent at the proper times to all commercial orcharding areas of Ontario outside the Niagara Peninsula.

Japanese Beetle

The Provincial Entomologist continued active participation in the co-operative control and survey programmes for this insect which are carried on with the Ontario Fruit Branch and the Dominion Department of Agriculture. Beetle recovery records for 1945 again showed a concentration of the adults in the city of Hamilton in sufficient numbers so that lead arsenate grub-proofing of the soil to the extent of 9½ acres in 1946 will be required.

Subterranean Termites

In co-operation with the Dominion Department of Agriculture and Dr. T. E. Snyder of the U.S. Department of Agriculture, the subterranean termite outbreak in parts of the city of Toronto was investigated and control measures outlined for owners and occupants of premises infested by this wood-destroying insect. A circular was prepared jointly with the Dominion Division of Entomology and forwarded by the Provincial Entomologist to individuals registered at the Toronto City Hall as having termites present in or around their premises. The degree of infestation was not as heavy as published reports indicated and is well within the scope of the individual householder to keep under control.

Personal Visits

With the removal of gasoline and rubber restrictions it was possible to obtain better first hand knowledge of insect conditions pertaining to major crops throughout the province.

Miscellaneous

Fruit, vegetable, field crop, gardeners' and livestock breeders' meetings were addressed on timely topics in many parts of the province throughout the year. Press and radio bulletins were prepared on insects and related pests of special importance and forwarded currently to radio stations, the press of the province, and to agricultural representatives.

Preparation of monthly reports in connection with insect pests occurring generally throughout the province was continued at the request of the Statistics and Publications Branch.

The Ontario Spray Calendars were revised in co-operation with the Department of Botany, Ontario Agricultural College, the Ontario Fruit Branch and the Dominion Department of Agriculture. A new calendar dealing specifically with raspberries, strawberries, currants and gooseberries was printed and issued to growers for the first time during the current year. The calendar revisions and the new calendar, as in previous years, are based on experimental results and orchard observations during the year.

Correspondence has shown a steady increase during the past five years and now occupies a considerable amount of time throughout the whole year.

REGULATORY DUTIES

The Provincial Entomologist is charged, under the Director of the Fruit Branch, with the supervision and enforcement of the Plant Diseases Act and its regulations.

European Corn Borer

A total of 87 inspectors and assistant inspectors was employed during the spring of 1945 to enforce corn borer clean-up regulations. Twenty counties comprise the territory from Essex County to Northumberland County in which regulations were enforced. Lambton and Ontario Counties are the only two in this part of southern Ontario where clean-up regulations were not enforced.

The abnormally bad weather conditions in the spring of 1945 made clean-up operations extremely difficult and as a result more refuse was left on the surface of fields than has been the case for a number of years. The growers generally, however, were anxious to comply with the regulations which are now regarded by the majority as being in the best interests of all corn producers, including the sweet corn growers.

Stalk infestation percentage surveys were made in the early fall in all twenty counties in which enforced clean-up regulations were in effect during 1945. Increases in comparison with 1944 were recorded in 16 of the 20 counties. The counties of Haldimand, Norfolk, Waterloo, Welland and Wellington showed the most marked increases in percentage of stalk infestation over 1944. Increases were largely brought about through larger populations in early fields of table corn. No significant commercial damage to field corn occurred.

Peach Yellows, Little Peach and "X" Disease

Nine inspectors working in eight municipalities in the Niagara Peninsula found a considerably reduced incidence of these three diseases in 1945. The occurrence of choke cherries in the vicinity of orchards has been considerably reduced during the past two years. A total of 1,564 hours was required in the 1945 season.

Nursery Inspection

Six under-graduate girl students were again engaged for nursery inspection in 1945. Eighty-two nurseries, comprising the list which secured permits from the Director of the Fruit Branch prior to the inspection season, were examined in 1945. A total of 1,822,000 units of fruit stock were inspected and of these 1,409 were infested with San José scale and were broken down, 754,935 units of ornamental stock were also inspected in the same nurseries with 546 showing infestation by San Jose scale and broken down by the inspectors according to Plant Diseases Act regulations. A very small incidence of pear blight was recorded in 1945 since only 34 fruit units and 3 ornamentals showed infection by this disease.

Nursery Stock Fumigation

A relatively small amount of stock received fumigation with cyanide preparatory to shipment to Nova Scotia in 1945. Because of the shortage of nursery stock, there has been a considerable falling off in shipments to Nova Scotia and the bulk of the fumigated material comprised rose stock which is given on a premium basis by one nursery concern in the province.

Apple Maggot

Because of the extremely unfavourable weather conditions for both crop set and production of clean apples in the province in 1945, it was not possible to conduct the annual cross-section survey of 10% of commercial orchards. In view of the extremely poor crop, which in many cases was a complete failure or not more than 10 to 15 per cent. of an average yield, there was a heavy concentration of apple maggot flies in such orchards as bore crop. Practically all wild and neglected trees were without fruit and thus flies developing from beneath such trees were forced to seek commercial orchards, where possible, in order to lay their eggs. A number of orchards examined, which up to 1945 had been free in the fall inspection, showed heavy infestation by apple maggot.

Sugar Beet Nematode

No new records of sugar beet nematode infestation from the precautionary area in the Blackwell district were reported in 1945. In general the beet harvest was carried on in very good weather and cars for shipment of the beets to the sugar factory showed a big improvement over previous years. This was brought about largely through the co-operation of the railroad authorities, who were approached prior to the beet harvest season in order to secure cars which might be washed completely and thoroughly at the sugar factory in accordance with Plant Diseases Act regulations.

ONTARIO FARM SERVICE FORCE

The Ontario Farm Service Force operating during the sixth crop season of its existence has to report that during the 1945 season it experienced the most freakish set of weather conditions within the memory of Ontario farmers and fruit growers.

Starting in the month of March, we had weather such as we should have had in May or early June. This was followed in April, May and June by broken, wet, cold weather which meant that practically every crop on the farm and in orchard and garden was adversely affected.

At the beginning of the year the Force was better prepared to meet the situation than it had ever been in any previous year. It had registered enough young men and women to keep its 50 camps manned with a full quota from April 12th to November 5th. Due to the weather conditions and the failure of fruit and garden crops, 9 of the camps with a capacity of 500 never opened at all and very few of those that did open used as many workers as they had expected to use with a normal crop.

It will be noted, however, that while the number of girls used in Camps was only 2,160 in 32 Camps as compared with 3,881 in 40 camps in 1944, the 9 boys' camps had 829 in 1945 as compared with 706 in 1944.

It will be noted that in placement of private farms the record is better in 1945 than 1944 as our placement of boys and men to December 31st was 1,903 in 1945 as compared with 1,553 in 1944 and girls and women placed on private farms numbered 301 in 1945 as compared with 151 in 1944.

The following figures give a brief, concise picture of the operations of the Farm Service Force for 1945 as compared with 1944:

Private Placements

	1944	*1945*
Men and boys	1,533	1,903
Women and girls	151	301
Married couples	35	32
Increase (men and boys)		370
(women and girls)		150

Day by Day Work — Around Toronto

Registration—different individuals	2,679	3,611
Placements	2,047	3,206
Increase	1,159.	

This work started about April 10th and provided continuous daily service throughout the season until November 21st. The number used daily ran from 25 to 30 each morning up to over 300 per morning at the height of the harvest season.

Camps for Girls and Women

1944	*1945*
40 Camps with 3,881 workers.	31 Camps with 2,160 workers.

Camps for Men and Boys

1944	*1945*
8 Camps with 706 workers.	9 Camps with 829 workers.

Duration of 41 Ontario Farm Service Force Camps

1 was open for 3 weeks.
1 was open for 1 month.
4 were open for 6 weeks.
1 was open for 2 months.
1 was open for 2-1/3 months.
4 were open for 3 months.
6 were open for 3½ months.
7 were open for 4 months.
4 were open for 4½ months.
3 were open for 5 months.
2 were open for 5½ months.
7 were open for 6 to 6½ months.

41 — 33 camps for 4 months or longer.
160 months of camp service.

O.F.S.F. Camps Opening and Closing

In the month of	*Camps opened*	*Camps closed*
April	9	
May	14	
June	13	1
July	3	2
August	2	6
September		20
October		8
November		4
Total	41	41

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Ontario Department of Agriculture

ANNUAL REPORT

OF THE

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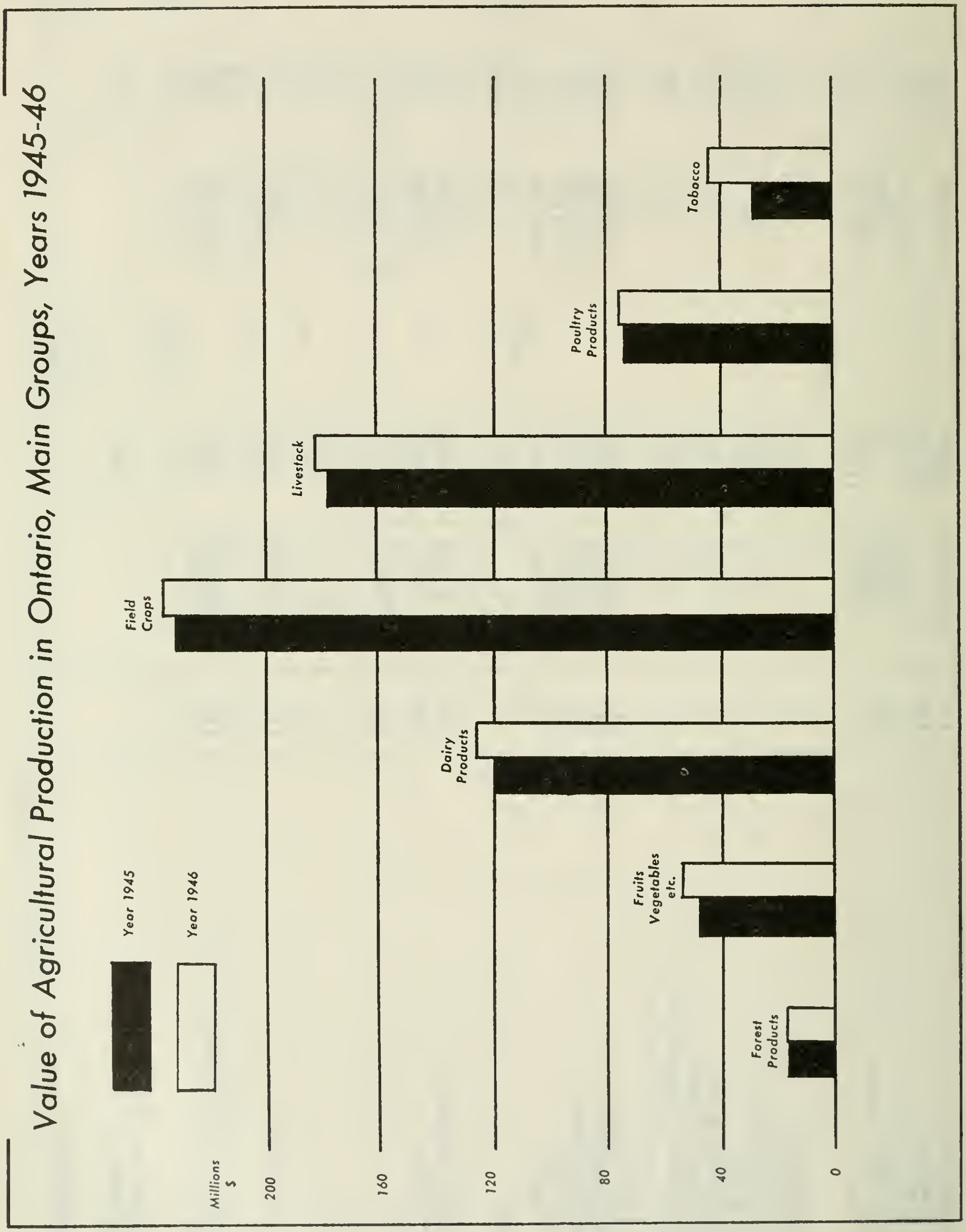
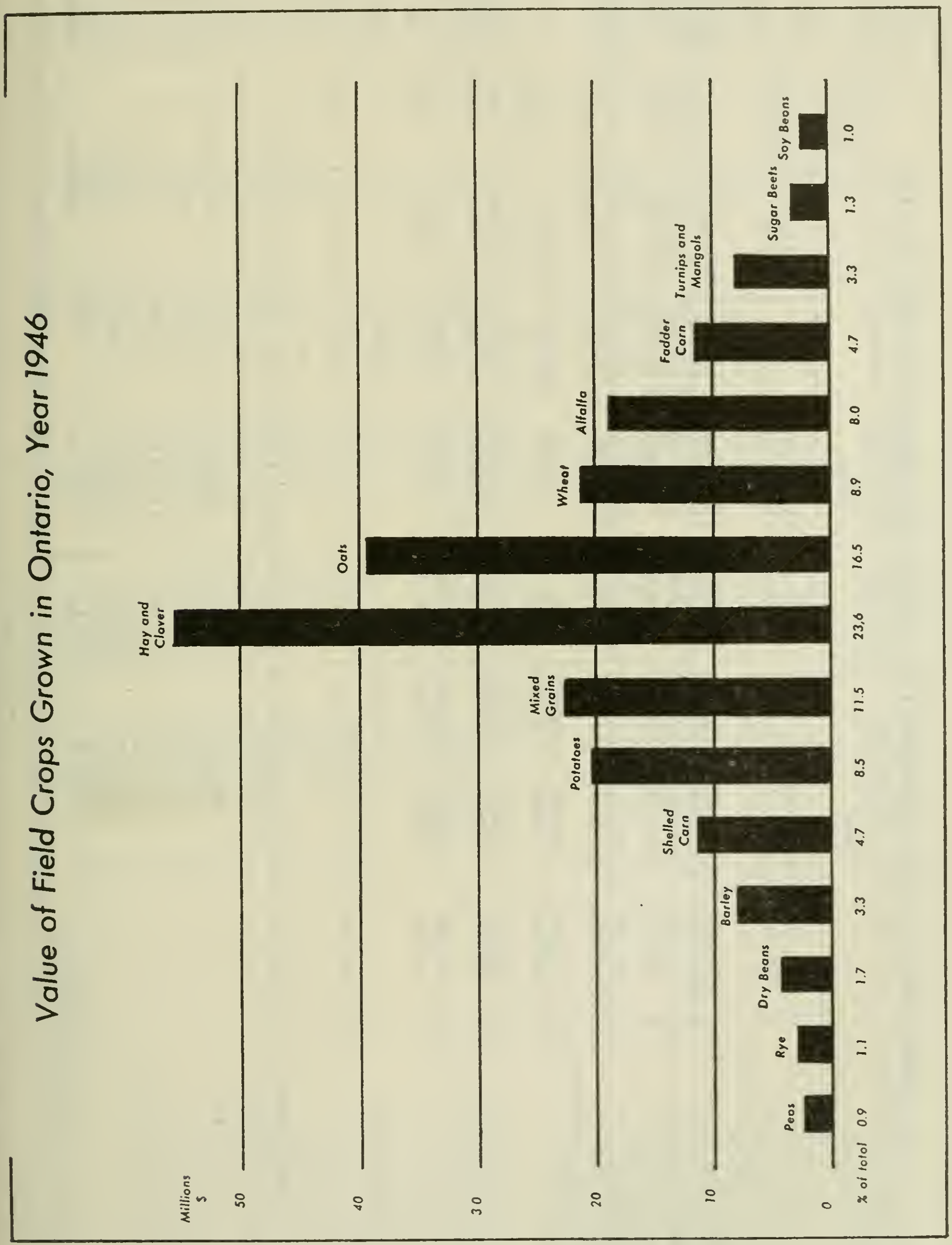
AGRICULTURAL PRODUCTION IN ONTARIO, YEARS 1945-1946

		1945			1946		
	Unit	Production	Value $000	Total Value $000	Production	Value $000	Total Value $000
Wheat	Bu.	20,828,000	22,703		17,110,000	21,035	
Oatsr	Bu.	53,879,000	31,250		71,776,000	38,760	
Barley	Bu.	9,394,000	6,858		10,753,000	7,742	
Rye	Bu.	1,249,000	1,237		1,378,000	2,522	
Peas	Bu.	357,000	1,071		720,000	2,045	
Dry Beans	Bu.	1,060,000	2,650		1,328,000	3,944	
Soy Beans	Bu.	842,000	1,600		1,072,000	2,370	
Buckwheat	Bu.	3,025,000	2,390		2,691,000	2,045	
Mixed Grain	Bu.	33,477,000	20,756		42,286,000	27,063	
Flaxseed	Bu.	230,000	529		169,000	512	
Corn, shelled	Bu.	10,215,000	10,624		10,392,000	11,016	
Potatoes	Cwt.	7,633,000	19,083		10,800,000	19,980	
Turnips and Mangolds	Cwt.	11,507,000	6,674		12,546,000	7,779	
Hay and Clover	Ton	6,166,000	68,707		5,196,800	55,606	
Alfalfa	Ton	2,139,000	25,518		1,599,000	18,916	
Fodder Corn	Ton	2,603,000	9,111		3,050,000	10,980	
Sugar Beets	Ton	164,000	1,915		232,400	2,963	
				232,676			235,278
Cattle—sold off farms	No.	838,118	79,452		733,733	73,657	
Income in kind	No.	29,150	2,071		24,460	1,864	
Calves—sold off farms	No.	363,276	8,883		327,199	9,112	
Income in kind	No.	12,780	298		13,480	334	
Change in inventory (cattle and calves)	No.	— 18,100	—1,430		— 48,100	—4,329	
Sheep and Lambs—sold off farms	No.	408,400	3,737		354,463	3,600	
Income in kind	No.	4,510	55		3,820	51	
Change in inventory	No.	— 43,500	— 513		— 6,400	— 78	
Hogs—sold off farms	No.	2,750,560	82,343		2,610,015	84,453	
Income in kind	No.	114,260	2,973		180,860	5,196	
Change in inventory	No.	— 95,900	—2,177		+ 349,300	+8,872	
Horses—sold off farms	No.	19,900	1,794		25,850	2,350	
Change in inventory	No.	+ 6,200	+ 589		— 27,800	—2,724	
				178,075			182,358
Wool—sold off farms	Lb.	2,790,172	808		2,694,118	771	
Used on farms	Lb.	24,824	7		18,882	5	
				815			776

Butter—sold off farms	Lb.	85,300,000	29,060		76,711,000	29,277	
Used on farms	Lb.		2,110			2,667	
Chees —sold off farms	Lb.	115,937,000	25,391		93,950,000	23,245	
Used on farms	Lb.	156,000	34		156,000	34	
Milk and other Milk Products—sold off farms	Lb.	2,046,465	50,275		2,136,081	57,045	
Used on farms	Lb.	693,564	12,623		709,594	14,404	
				119,493			126,672
Fruits—sold off farms	....	....	9,847		....	13,011	
Income in kind	....	....	4,737		....	5,888	
Vegetables—sold off farms	....	....	23,924		....	27,530	
Income in kind	....	....	5,476		....	5,070	
Floriculture—sold off farms	....	....	2,445		....	2,445	
Nursery Stock—sold off farms	....	....	205		....	205	
Greenhouse Products—Income in kind	....	....	746		....	690	
				47,380			54,839
Poultry—sold off farms	Lb.	76,022,000	23,385		78,485,000	25,499	
Consumed on farms	Lb.	21,926,000	6,727		22,786,700	7,320	
Change in inventory	No.	— 254,200	— 257		+ 1,589,500	+1,796	
Eggs—sold off farms	Doz.	97,454,000	36,221		95,984,000	34,487	
Used on farms	Doz.	21,890,000	7,987		19,660,000	6,841	
				74,063			75,943
Fur Farming		....	2,100		....	1,896	
				2,100			1,896
Maple Products—sold off farms	Gal.	61,850	194		117,850	371	
Used on Farms	Gal.	61,850	195	389	117,850	371	742
Tobacco	Lb.	82,798,000	27,785		124,172,000	44,671	
				27,785			44,671
Fibre Flax	....	....	539		....	354	
				539			354
Clover and Grass Seed	Lb.	14,911,000	2,049		18,422,000	3,835	
				2,049			3,835
Honey and Wax—sold off farms	Lb.	8,920,750	1,427		5,532,750	996	
Used on farms	Lb.	153,250	25		152,250	27	
				1,452			1,023
Forest Products—sold off farms	....	....	5,570		....	5,737	
Used on farms	....	....	11,600		....	11,900	
				17,170			17,637
GRAND TOTAL	....	....	......	703,986	....	......	746,024


Value of Agricultural Production in Ontario, Main Groups, Years 1945-46



Value of Field Crops Grown in Ontario, Year 1946

PRODUCTION AND VALUE OF POULTRY AND EGGS IN ONTARIO, YEARS 1944-45-46

	1944			1945			1946		
	Sold off Farms	Farm-home Consumed	Total	Sold off Farms	Farm-home Consumed	Total	Sold off Farms	Farm-home Consumed	Total
Eggs—									
Market .... Doz.	84,748,000	18,773,000	103,521,000	94,282,000	20,885,000	115,167,000	90,202,000	18,272,000	108,474,000
Value .... $	28,813,500	6,195,000	35,008,500	34,413,100	7,414,000	41,827,100	31,931,500	6,285,600	38,217,100
Hatching .... Doz.	1,287,500	2,467,500	3,755,000	3,172,000	1,005,000	4,177,000	5,782,000	1,388,000	7,170,000
Value .... $	566,500	987,000	1,553,500	1,808,000	572,900	2,380,900	2,555,600	555,200	3,110,800
Fowl and Chickens .... Lb.	61,683,000	19,479,000	81,162,000	66,135,100	20,884,800	87,019,900	69,015,600	21,794,300	90,809,900
Value .... $	15,589,000	4,923,000	20,512,000	20,171,100	6,370,000	26,541,100	21,947,000	6,930,600	28,877,600
Turkeys .... Lb.	5,619,000	767,000	6,386,000	5,588,400	762,000	6,350,400	5,290,800	721,200	6,012,000
Value .... $	1,602,000	218,000	1,820,000	2,067,700	281,900	2,349,600	2,232,700	304,300	2,537,000
Geese .... Lb.	2,580,000	150,000	2,730,000	2,597,800	151,200	2,749,000	2,525,000	147,000	2,672,000
Value .... $	684,000	39,000	723,000	662,000	39,000	701,000	813,000	47,300	860,300
Ducks .... Lb.	1,574,000	119,000	1,693,000	1,700,800	128,000	1,828,800	1,653,600	124,200	1,777,800
Value .... $	401,500	30,300	431,800	484,700	36,500	521,200	506,000	38,000	544,000
Change in Inventory	....	....	+ 54,000	....	....	—257,000	....	....	+1,796,000
Total Value .... $	47,656,500	12,392,300	60,102,800	59,606,600	14,714,300	74,063,900	59,985,800	14,161,000	75,942,800

MOVEMENT OF WESTERN GRAINS AND FEEDS INTO ONTARIO, CALENDAR YEARS 1942 TO 1946

Year	Wheat Cwt.	Oats Cwt.	Barley Cwt.	Rye Cwt.	Screenings Cwt.	Millfeeds Cwt.
1942	4,993,882	2,845,315	2,646,421	340,985	673,497	3,252,028
1943	7,747,228	8,539,119	7,257,170	125,433	528,716	4,771,827
1944	7,086,699	6,902,593	6,555,489	40,511	739,019	4,727,262
1945	7,554,948	7,909,322	6,378,463	1,633	815,192	4,849,013
1946	6,272,720	8,987,453	8,212,324	396	683,986	5,740,976

PRODUCTION, UTILIZATION AND FARM VALUE OF MILK IN ONTARIO, YEARS 1945-1946

1945 FINAL

Classification of Whole Milk Products	Products Lbs.	Butter-fat Lbs.	Milk Lbs.	Unit of Price	Average Price	Farm Value of Milk
I. Used in Manufacture:					c.	$
(a) Factory Dairy Products—						
1. Creamery Butter	77,630,000	63,657,000	1,818,871,000	lb. B.F.	.447	28,455,000
2. Cheddar Cheese	115,201,000	44,928,000	1,283,339,000	cwt. milk	1.97	25,262,000
3. Other Cheese	736,000	287,000	8,199,000	cwt. milk	1.57	129,000
4. Ice Cream (gal.)	6,936,000	3,468,000	99,115,000	cwt. milk	1.81	1,797,000
5. Condensed Milk	15,708,000	1,257,000	35,814,000	cwt. milk	2.075	743,000
6. Evaporated Milk	103,543,000	7,973,000	227,795,000	cwt. milk	2.075	4,727,000
7. Whole Milk Powder	14,552,000	4,075,000	116,416,000	cwt. milk	2.075	2,416,000
8. Cream Powder	8,000	6,000	168,000	cwt. milk	2.075	3,000
9. Malted Milk	660,000	116,000	3,300,000	cwt. milk	2.075	69,000
(b) Farm-made Products—						
1. Dairy Butter	7,670,000	6,289,000	179,708,000	lb. B.F.	.432	2,715,000
2. Farm-made Cheese	156,000	61,000	1,738,000	lb. cheese	.21	33,000
II. Milk Otherwise Used:						
1. Fluid Sales	1,563,857,000	54,735,000	1,563,857,000	cwt. milk	2.59	40,520,000
2. Farm-home Consumed	496,307,000	17,371,000	496,307,000	cwt. milk	1.82	9,033,000
3. Fed to Live Stock	197,256,000	6,904,000	197,256,000	cwt. milk	1.82	3,590,000
TOTAL MILK PRODUCTION	....	211,127,000	6,031,883,000	....	......	119,492,000
1946 PRELIMINARY						
I. Used in Manufacture:						
(a) Factory Dairy Products—						
1. Creamery Butter	68,954,000	56,542,000	1,615,592,000	lb. B.F.	.509	28,802,000
2. Cheddar Cheese	93,739,000	36,558,000	1,044,252,000	cwt. milk	2.18	22,814,000
3. Other Cheese	2,211,000	862,000	24,631,000	cwt. milk	1.75	431,000
4. Ice Cream (gal.)	6,874,000	3,437,000	98,230,000	cwt. milk	1.93	1,896,000
5. Condensed Milk	14,766,000	1,181,000	33,666,000	cwt. milk	2.13	718,000
6. Evaporated Milk	98,103,000	7,554,000	215,827,000	cwt. milk	2.13	4,602,000
7. Whole Milk Powder	14,813,000	4,148,000	118,504,000	cwt. milk	2.13	2,527,000
8. Cream Powder	16,000	12,000	336,000	cwt. milk	2.13	7,000
9. Malted Milk	1,036,000	181,000	5,180,000	cwt. milk	2.13	111,000
(b) Farm-made Products—						
1. Dairy Butter	7,757,000	6,361,000	181,747,000	lb. B.F.	.494	3,142,000
2. Farm-made Cheese	156,000	61,000	1,738,000	lb. cheese	.22	34,000
II. Milk Otherwise Used:						
1. Fluid Sales	1,664,338,000	58,252,000	1,664,338,000	cwt. milk	2.83	47,184,000
2. Farm-home Consumed	506,374,000	17,723,000	506,374,000	cwt. milk	2.03	10,279,000
3. Fed to Live Stock	203,220,000	7,113,000	203,220,000	cwt. milk	2.03	4,125,000
TOTAL MILK PRODUCTION	....	199,985,000	5,713,635,000	....	......	126,672,000

PRODUCTION AND VALUE OF DAIRY PRODUCTS IN ONTARIO, YEARS 1945-46

Classification of Whole Milk	1945 FINAL			1946 PRELIMINARY		
	Product	Price per Unit	Value	Product	Price per Unit	Value
Products	lbs.	c.	$	lbs.	c.	$
I. Made in Factories:						
1. Creamery Butter	77,630,000	35.45	27,520,000	68,954,000	39.50	27,237,000
2. Cheddar Cheese	115,201,000	21.67	24,960,000	93,739,000	24.84	23,287,000
3. Other Cheese	736,000	26.98	199,000	2,211,000	28.00	619,000
4. Ice Cream (gal.)	6,936,000	$1.32	9,156,000	6,874,000	$1.25	8,592,000
5. Condensed Milk	15,708,000	12.08	1,898,000	14,766,000	12.00	1,772,000
6. Evaporated Milk	103,543,000	7.69	7,962,000	98,103,000	7.66	7,515,000
7. Wholemilk Powder	14,552,000	33.61	4,891,000	14,813,000	34.50	5,110,000
8. Cream Powder	8,000	45.86	4,000	16,000	46.00	7,000
9. Malted Milk	660,000	17.53	116,000	1,036,000	18.00	186,000
II. Made on Farms:						
1. Dairy Butter	7,670,000	35.40	2,715,000	7,757,000	40.50	3,142,000
2. Farm-made Cheese	156,000	21.00	33,000	156,000	22.00	34,000
III. Milk Otherwise Used:						
1. Fluid Sales	1,563,857,000	$2.96	46,359,000	1,664,338,000	$3.23	53,690,000
2. Farm-home Consumed	496,307,000	$1.82	9,033,000	506,374,000	$2.03	10,279,000
3. Fed to Live Stock	197,256,000	$1.82	3,590,000	203,220,000	$2.03	4,125,000
Classification of Milk By-Products						
I. Made in Factories:						
1. Condensed Skim Milk	3,112,000	7.44	232,000	3,244,000	8.00	260,000
2. Evaporated Skim Milk	1,563,000	4.00	63,000	2,180,000	4.30	94,000
3. Powdered Skim Milk	20,707,000	11.28	2,336,000	24,098,000	12.00	2,892,000
4. Casein	949,000	24.55	233,000	937,000	24.75	232,000
5. Powdered Buttermilk	1,409,000	8.26	116,000	1,370,000	8.50	116,000
6. Condensed Buttermilk	2,539,000	2.75	70,000	2,388,000	4.00	96,000
7. Whey Butter	2,404,000	31.64	761,000	2,005,000	37.00	742,000
8. Cottage Cheese	936,000	11.94	112,000	1,060,000	14.00	148,000
9. Whey from Cheddar Cheese less used in manufacture	948,215,000	13.00	1,233,000	772,567,000	13.00	1,004,000
10. Skim Milk and Buttermilk from Creamery Butter less quantity used in manufacture	130,141,000	25.00	325,000	41,896,000	25.00	105,000
11. Sugar of Milk	643,000	21.16	136,000	478,000	22.00	105,000
12. Baby Foods	654,000	25.00	164,000	983,000	25.00	246,000

II. Kept on Farms:						
1. Skim Milk and Buttermilk from Creamery Butter	1,309,587,000	25.00	3,274,000	1,163,226,000	25.00	2,908,000
2. Skim Milk and Buttermilk from Dairy Butter	172,520,000	25.00	431,000	174,477,000	25.00	436,000
3. Whey from Farm-made Cheese	1,304,000	13.00	2,000	1,304,000	13.00	2,000
TOTAL VALUE	....	......	147,924,000	....	......	154,981,000

Figures prepared by Dairy Statistics Branch, Agricultural Division, Dominion Bureau of Statistics.

MONTHLY PRODUCTION OF DAIRY PRODUCTS IN ONTARIO, YEARS 1945-46

Month	Creamery Butter		Cheddar Cheese		Ice Cream		Condensed, evaporated and Powdered Milk Products	
	1945 '000 lbs.	1946 '000 lbs.	1945 '000 lbs.	1946 '000 lbs.	1945 '000 lbs.	1946 '000 lbs.	1945 '000 lbs.	1946 '000 lbs.
January	3,952	3,213	1,594	960	333	357	8,082	6,917
February	3,705	2,914	1,330	839	352	270	7,874	6,607
March	5,054	3,949	2,705	1,751	328	297	13,156	11,754
April	6,183	5,417	7,406	5,268	697	676	16,127	15,389
May	8,853	7,986	14,999	12,101	695	736	19,932	19,378
June	10,964	10,060	19,851	18,031	926	891	22,877	23,224
July	9,899	8,914	18,343	15,395	1,191	1,219	19,581	19,125
August	8,883	7,560	17,417	13,522	978	921	17,721	16,911
September	7,327	6,248	14,962	11,298	456	523	15,116	14,112
October	5,783	5,432	10,821	9,105	422	502	10,893	11,905
November	3,822	3,873	4,300	4,013	344	282	7,800	8,537
December	3,205	3,388	1,473	1,456	214	200	7,495	8,951
TOTAL FOR YEAR	77,630	68,954	115,201	93,739	6,936	6,874	166,654	162,810

MONTHLY PRODUCTION OF DAIRY PRODUCTS IN ONTARIO, YEARS 1945-46

Month	Dairy Butter		Whey Butter		Farm-made Cheese		Other Cheese	
	1945 '000 lbs.	1946 '000 lbs.	1945 lbs.	1946 lbs.	1945 lbs.	1946 lbs.	1945 lbs.	1946 lbs.
January	505	525	48,000	32,000	13,000	13,000	45,000	195,000
February	859	902	43,000	28,000	13,000	13,000	43,000	176,000
March	1,354	1,408	72,000	45,000	13,000	13,000	57,000	230,000
April	747	732	151,000	109,000	13,000	13,000	54,000	282,000
May	570	553	326,000	238,000	13,000	13,000	33,000	347,000
June	1,160	1,125	396,000	321,000	13,000	13,000	78,000	319,000
July	436	423	403,000	325,000	13,000	13,000	78,000	243,000
August	358	347	337,000	295,000	13,000	13,000	104,000	120,000
September	400	416	261,000	246,000	13,000	13,000	92,000	91,000
October	477	501	215,000	211,000	13,000	13,000	58,000	43,000
November	418	429	118,000	112,000	13,000	13,000	47,000	83,000
December	386	396	34,000	43,000	13,000	13,000	47,000	82,000
TOTAL FOR YEAR	7,670	7,757	2,404,000	2,005,000	156,000	156,000	736,000	2,211,000

ESTIMATED MILK PRODUCTION AND UTILIZATION IN ONTARIO, YEARS 1945-46

'000 lbs.

Year	Estimated Quantity of Milk used for Specified Purposes								Total Milk Production
	Creamery Butter	Factory Cheese	Miscellaneous Factory Products	Dairy Butter	Farm-made Cheese	Fluid Sales of Milk and Cream	Farm-home Consumed	Fed to Livestock	
1945	1,818,871	1,291,538	482,608	179,708	1,738	1,563,857	496,307	197,256	6,031,883
Percent. of Total	30.15%	21.48%	8.01%	2.98%	.029%	25.92%	8.22%	3.27%	100%
1946	1,615,592	1,068,883	471,743	181,747	1,738	1,664,338	506,374	203,220	5,713,635
Percent. of Total	28.27%	18.7%	8.26%	3.18%	.030%	29.12%	8.86%	3.56%	100%

MONTHLY PRODUCTION OF PROCESSED MILK PRODUCTS IN ONTARIO, YEARS 1939-46

Commodity	1939	1940	1941	1942	1943	1944	1945	1946
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Condensed Buttermilk	912,109	1,058,946	1,370,271	1,695,585	1,635,928	2,297,706	2,539,353	2,377,087
Condensed Skimmed Milk, B.G.	2,753,080	3,576,929	4,336,794	5,075,986	3,994,884	3,532,571	4,484,521	3,244,405
Condensed Whole Milk, B.G.	4,063,955	4,508,377	5,956,109	6,149,594	6,358,249	9,086,952	7,631,574	6,892,497
Condensed Whole Milk, C.G.	3,412,595	8,174,504	8,316,958	7,206,882	7,757,497	8,739,885	8,417,061	7,873,176
Evaporated Milk, C.G.	83,444,367	81,033,650	94,204,078	98,261,167	95,992,425	89,133,307	102,967,326	96,147,045
Evaporated Milk, plain unsterilized, B.G.	415,777	665,596	1,964,443	428,009	474,073	527,895	604,032	1,916,622
Evaporated Skim Milk	918,188	653,679	1,358,598	1,120,136	1,061,334	1,296,044	1,639,400	2,179,853
Powdered Buttermilk, S.P.	167,677	232,131	469,297	43,680	....	....	....	....
Powdered Buttermilk, R.P.	2,342,347	2,616,850	2,601,837	2,862,369	2,366,305	1,549,728	1,379,344	1,313,773
Powdered Skimmed Milk, S.P.	12,137,396	13,742,006	12,391,456	10,901,398	9,234,558	9,199,265	10,813,567	11,780,218
Powdered Skimmed Milk, R.P.—animal feed	2,247,629	2,202,360	2,364,068	2,824,639	1,013,248	511,971	1,508,446	620,304
Powdered Skimmed Milk, R.P.—human consumption	3,317,406	3,060,921	3,283,822	4,278,805	5,060,655	7,678,087	8,299,858	10,849,862
Powdered Whole Milk, C.G.	4,939,366	4,573,319	5,294,284	6,800,018	10,351,606	....	....	....
Powdered Whole Milk, B.G.—spray process	135,066	114,527	453,094	2,198,177	2,947,962	11,512,005	11,729,297	11,432,078
Powdered Whole Milk, B.G.—roller process	1,787,705	1,780,647	2,835,163	2,439,312	2,911,471	3,896,340	2,482,196	3,103,048
Casein—lactic	582,729	521,685	507,672	673,901	687,802	552,072	650,586	641,519
Casein—plastic	112,174	171,653	225,298	432,315	224,712	396,916	303,745	295,662
Miscellaneous Processed Products	1,830,668	1,306,789	563,145	1,193,547	1,745,055	1,378,159	1,203,986	2,142,929
TOTAL	125,520,234	129,994,569	148,496,387	154,585,520	153,817,764	151,288,903	166,654,292	162,810,078

NOTE: B.G., Bulk Goods; C.G., Case Goods; S.P., Spray Process; R.P., Roller Process.

PRODUCTION OF CREAMERY BUTTER IN ONTARIO, YEARS 1941-46

Counties and Districts	1941	1942	1943	1944	1945	1946
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Brant	980,530	1,024,251	771,110	578,535	744,933	525,149
Elgin	793,713	716,378	666,288	565,963	549,839	462,879
Essex	548,890	497,994	405,459	336,457	300,602	231,648
Haldimand	2,652,285	2,631,802	2,391,003	2,234,909	1,575,358	1,074,153
Kent	2,765,692	2,514,129	2,575,865	2,372,004	2,429,430	1,954,378
Lambton	3,303,022	3,511,952	3,007,847	2,643,063	2,691,976	2,249,773
Lincoln	491,499	417,470	416,740	411,749	418,332	318,851
Middlesex	4,811,684	4,257,622	4,076,740	3,339,225	3,575,271	2,545,129
Norfolk	721,893	766,113	678,067	521,701	882,491	405,210
Oxford	1,032,208	665,674	935,049	659,677	783,724	730,531
Welland	317,991	278,859	272,300	266,744	244,712	197,165
Wentworth	271,182	179,891	150,253	114,896	490,202	88,212
Southern Ontario	18,690,589	17,462,135	16,346,721	14,044,923	14,686,870	10,783,078
Bruce	5,602,752	5,412,326	5,708,963	5,507,566	5,784,564	5,245,375
Dufferin	1,749,099	1,779,731	1,659,006	1,633,694	1,637,033	1,527,835
Grey	5,556,396	5,298,676	5,082,902	5,026,460	5,007,551	4,777,468
Halton	1,122,598	1,097,742	961,127	953,742	939,137	781,952
Huron	4,824,405	5,116,800	4,941,276	4,794,723	4,927,018	4,394,465
Peel	1,105,191	976,760	870,297	755,377	930,848	833,122
Perth	5,500,951	5,029,866	5,533,422	5,041,391	5,425,396	4,632,914
Simcoe	4,436,770	4,322,194	4,043,076	3,860,018	3,821,439	3,335,895
Waterloo	3,746,248	3,673,248	3,729,751	3,680,433	3,785,485	3,350,039
Wellington	4,084,042	4,295,971	4,346,243	4,054,750	4,299,460	4,342,443
Western Ontario	37,728,452	37,003,314	36,876,063	35,308,154	36,577,931	33,221,508
Durham	989,529	954,386	958,083	864,130	882,712	934,320
Haliburton	....	....	....	....	....	....
Hastings	2,533,625	1,909,135	2,337,086	1,932,248	2,143,358	2,024,065
Muskoka	155,034	....	....	....	....	....
Northumberland	2,073,867	1,910,065	2,246,154	1,926,420	1,929,341	1,893,578
Ontario	1,397,458	1,312,100	1,283,330	1,056,671	1,039,654	800,539
Parry Sound	111,587	271,281	317,284	281,225	297,274	267,057
Peterborough	1,197,571	1,063,208	1,088,099	869,683	905,297	834,557
Prince Edward	268,880	122,601	198,934	141,616	135,274	140,278
Victoria	2,260,486	2,237,399	2,386,764	2,305,173	2,041,420	2,053,889
York	4,753,607	4,320,804	3,812,610	3,445,749	3,164,124	2,741,194
Central Ontario	15,741,644	14,100,979	14,628,344	12,822,915	12,538,454	11,689,477

Carleton	1,212,892	986,181	1,316,807	998,776	1,038,084	1,067,552
Dundas	15,675	67,243	5,856	....	3,110	1,846
Frontenac	1,075,313	823,243	1,119,150	987,397	1,232,619	1,095,565
Glengarry	312,075	167,454	305,471	188,729	245,233	271,197
Grenville	445,989	207,595	341,297	238,864	218,651	186,017
Lanark	1,976,901	1,727,018	2,068,687	1,691,810	1,891,649	1,769,078
Leeds	451,891	188,048	187,083	171,700	169,782	107,614
Lennox and Addington	440,829	219,189	338,082	211,512	233,138	270,932
Prescott	102,367	6,033	86,675	33,480	36,258	71,486
Renfrew	2,905,729	3,125,009	3,409,655	3,103,685	3,137,197	3,316,045
Russell	455,582	214,559	447,994	297,862	1,080,649	1,035,913
Stormont	384,721	185,143	297,794	202,341	187,409	118,201
Eastern Ontario	9,779,964	7,916,715	9,924,551	8,126,156	9,473,779	9,311,445
Algoma	555,910	558,629	608,248	564,731	562,716	534,465
Cochrane	182,899	196,337	295,547	242,773	293,491	272,867
Kenora	48,932	47,377	37,426	44,046	51,444	32,644
Manitoulin	824,381	876,205	920,234	846,235	852,141	842,573
Nipissing	1,099,479	1,105,060	1,175,699	1,120,958	1,025,376	913,512
Rainy River	527,320	574,317	655,666	586,754	501,357	433,784
Sudbury	100,863	67,254	76,245	79,214	82,943	78,973
Thunder Bay	123,377	85,167	65,714	64,122	44,276	8,811
Timiskaming	948,735	873,513	887,624	951,765	820,482	831,100
Northern Ontario	4,411,896	4,383,859	4,722,403	4,500,598	4,234,226	3,948,729
The Province	86,352,545	80,867,002	82,498,082	74,802,746	77,511,260	68,954,237

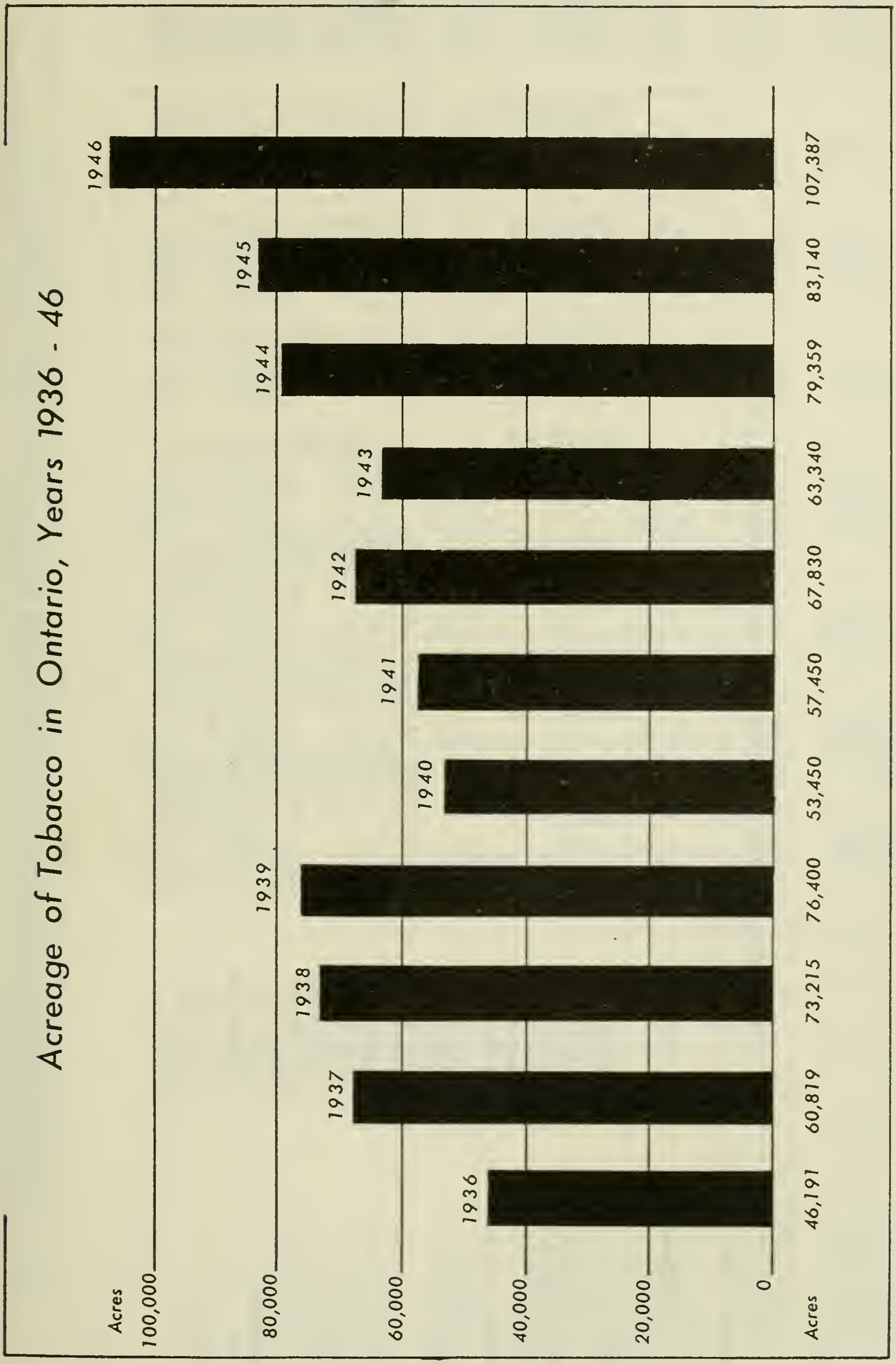
PRODUCTION OF CHEDDAR CHEESE IN ONTARIO, YEARS 1941-46

Counties and Districts	1941	1942	1943	1944	1945	1946
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Brant	47,714	226,329	62,994	....	....	....
Elgin	1,505,461	1,943,570	1,297,038	1,024,288	1,198,730	900,656
Essex	....	....	....	....	....	....
Haldimand	....	....	....	....	....	....
Kent	....	....	....	....	....	....
Lambton	278,945	800,936	359,128	354,727	428,359	53,204
Lincoln	....	....	....	....	....	....
Middlesex	2,980,173	4,551,576	3,653,716	4,020,737	4,431,102	3,869,614
Norfolk	22,324	33,580	26,481	20,946	....	....
Oxford	6,600,979	9,084,219	6,649,390	7,969,658	8,340,829	7,070,784
Welland	136,724	135,640	82,920	137,945	115,937	67,302
Wentworth	....	....	....	....	....	....
Southern Ontario	11,572,320	16,775,850	12,131,667	13,528,301	14,514,957	11,961,560
Bruce	596,762	743,028	548,945	639,904	710,332	615,109
Dufferin	....	....	....	....	....	....
Grey	....	167,751	329,225	406,696	485,621	177,093
Halton	....	....	....	....	....	....
Huron	1,084,321	1,643,104	1,179,236	1,290,688	1,569,465	1,542,901
Peel	....	....	....	....	....	....
Perth	3,611,455	5,834,447	3,781,914	4,694,012	4,737,613	3,937,925
Simcoe	....	....	....	....	96,143	220,838
Waterloo	653,772	1,239,594	685,697	881,597	929,620	619,782
Wellington	6,188	4,510	9,666	13,768	7,715	7,065
Western Ontario	5,952,498	9,632,434	6,534,683	7,926,665	8,536,509	7,120,713
Durham	....	....	....	....	....	....
Haliburton	....	....	....	....	....	....
Hastings	9,426,779	10,592,402	8,683,476	8,566,657	9,266,917	8,148,821
Muskoka	....	....	....	....	....	....
Northumberland	3,930,946	4,674,943	3,835,530	3,940,764	4,227,689	3,500,406
Ontario	257,429	420,873	227,343	278,009	258,333	146,150
Parry Sound	....	....	....	....	....	....
Peterborough	1,513,236	1,667,568	1,276,879	1,388,162	1,640,721	1,176,117
Prince Edward	3,099,288	4,117,589	3,577,334	3,458,567	3,637,965	3,259,592
Victoria	186,987	234,189	138,800	139,422	153,875	109,379
York	....	....	....	....	....	....
Central Ontario	18,414,665	21,707,564	17,739,362	17,771,581	19,185,500	16,340,465

Carleton	5,969,023	6,989,151	5,861,799	5,252,955	5,477,989	4,280,481
Dundas	6,636,944	7,747,515	6,708,543	6,672,937	6,902,399	5,222,665
Frontenac	5,264,693	5,822,016	5,027,200	5,029,861	5,584,069	4,759,046
Glengarry	7,450,791	8,564,061	7,779,637	7,468,818	7,752,001	6,711,899
Grenville	2,552,811	3,235,426	2,573,138	2,078,588	2,295,254	1,713,154
Lanark	3,058,025	3,560,168	2,915,938	2,665,327	3,023,649	2,648,563
Leeds	7,584,558	8,430,757	7,385,247	6,697,528	7,251,744	5,365,415
Lennox and Addington	5,233,436	6,738,001	5,494,552	5,465,854	6,220,754	5,652,599
Prescott	8,392,762	9,317,312	8,654,766	9,145,023	9,573,149	7,858,596
Renfrew	591,300	748,126	712,333	859,350	959,500	417,691
Russell	5,791,362	7,089,482	6,460,052	5,957,783	6,515,144	5,045,452
Stormont	7,527,486	8,790,222	7,818,307	7,683,927	7,970,597	7,338,124
Eastern Ontario	66,053,191	77,032,237	67,391,512	64,972,950	69,526,249	57,013,685
Algoma	....	64,597	43,743	29,850	76,670	61,730
Cochrane	143,606	231,388	250,692	341,272	276,651	156,627
Kenora	....	....	1,870	13,644	34,753	25,387
Manitoulin	....	....	....	....	....	....
Nipissing	406,269	611,141	682,270	400,724	780,674	720,879
Rainy River	....	....	....	....	....	....
Sudbury	65,872	28,605	....	....	121,048	57,436
Thunder Bay	90,550	298,967	239,150	240,566	175,653	105,819
Timiskaming	67,817	153,877	82,629	439,930	175,704	174,923
Northern Ontario	774,114	1,388,575	1,300,354	1,465,986	1,641,153	1,302,801
The Province	102,766,788	126,536,660	105,097,578	105,665,483	113,404,368	93,739,254

ACREAGE, PRODUCTION AND VALUE OF THE COMMERCIAL CROP OF LEAF TOBACCO IN ONTARIO

	Year	Planted Acreage, acres	Average Yield, lb. per acre	Total Production, lbs.	Average Farm Price, c. per lb.	Farm Value $
Flue-cured	1946	90,787	1,210	109,852,000	37.2	40,843,000
	1945	72,344	982	71,056,000	34.9	24,799,000
	1944	68,800	1,200	82,595,000	30.7	25,389,000
	1943	55,700	983	54,754,700	30.2	16,539,900
	1942	58,400	1,156	67,483,500	26.5	17,883,100
	1941	48,930	1,461	71,526,700	22.8	16,308,100
Burley	1946	14,000	800	11,200,000	27.0	3,024,000
	1945	9,442	1,094	10,330,000	25.6	2,641,000
	1944	9,460	1,292	12,223,000	23.2	2,830,000
	1943	6,540	1,008	6,590,800	21.3	1,402,800
	1942	7,820	1,306	10,220,600	17.0	1,737,400
	1941	7,060	1,410	9,965,400	14.6	1,450,600
Dark	1946	2,000	1,200	2,400,000	26.0	624,000
	1945	1,354	1,043	1,412,000	24.4	345,000
	1944	1,099	1,416	1,556,700	21.3	331,000
	1943	1,100	891	979,600	16.5	161,900
	1942	1,610	1,334	2,148,200	14.6	313,800
	1941	1,460	1,632	2,383,000	12.0	284,000
Cigar	1946	600	1,200	720,000	25.0	180,000
Total, All Types	1946	107,387	1,156	124,172,000	35.98	44,671,000
	1945	83,140	996	82,798,000	33.6	27,785,000
	1944	79,359	1,214	96,374,700	29.6	28,550,000
	1943	63,340	984	62,325,100	29.0	18,104,600
	1942	67,830	1,177	79,852,300	25.0	19,934,300
	1941	57,450	1,460	83,875,100	21.5	18,042,700
	1940	53,450	942	50,367,600	18.5	9,307,900
	1939	77,660	1,212	94,162,400	18.8	17,741,900
	1938	73,215	1,231	90,099,400	21.2	19,057,400
	1937	60,819	1,036	63,026,000	25.3	15,964,700
	1936	46,191	798	36,883,000	23.1	8,504,900
	1935	41,675	1,188	49,490,000	20.7	10,226,300
	1934	32,329	971	31,400,000	20.2	6,337,500
	1933	40,271	956	38,500,000	16.1	6,206,300
	1932	45,106	1,014	45,760,000	12.6	5,786,400
	1931	46,975	945	44,370,000	15.1	6,750,700



Acreage of Tobacco in Ontario, Years 1936 - 46

COMMERCIAL FRUIT PRODUCTION IN ONTARIO, YEARS 1940-46

Commodity	District	Unit	1940	1941	1942	1943	1944	5-year Average 1940-44	1945	1946
Apples	Eastern Ont.	bbls.	297;000	237,195	268,950	297,090	343,092	288,700	61,500	242,619
	Western Ont.	bbls.	486,200	377,675	348,000	493,500	530,200	447,100	121,680	437,250
	Total, Ont.	bbls.	783,200	614,870	616,950	790,590	873,292	735,800	183,180	679,869
Cherries (sweet and sour)	Eastern Ont.	bus.	10,400	7,800	8,200	4,670	3,876	7,000	1,000	11,340
	Western Ont.	bus.	77,300	239,200	264,000	107,500	135,900	164,800	40,176	172,134
	Total, Ont.	bus.	87,700	247,000	272,200	112,170	139,776	171,800	41,176	183,474
Grapes	Eastern Ont.	tons	....	....	....	....	....	....	100	72
	Western Ont.	tons	24,950	22,500	36,000	26,000	28,670	27,600	31,431	32,491
	Total, Ont.	tons	24,950	22,500	36,000	26,000	28,670	27,600	31,531	32,563
Peaches	Eastern Ont.	bus.	....	....	....	....	....	....	....	....
	Western Ont.	bus.	1,115,000	1,300,000	1,620,000	440,000	1,174,200	1,129,800	910,500	1,475,560
	Total, Ont.	bus.	1,115,000	1,300,000	1,620,000	440,000	1,174,200	1,129,800	910,500	1,475,560
Pears	Eastern Ont.	bus.	3,700	4,600	4,600	1,840	3,490	3,600	1,450	7,080
	Western Ont.	bus.	334,300	378,400	407,500	332,200	368,275	364,100	45,435	261,731
	Total, Ont.	bus.	338,000	383,000	412,100	334,040	371,765	367,700	46,840	268,811
Plums and Prunes	Eastern Ont.	bus.	2,100	1,500	1,000	500	900	1,200	500	4,860
	Western Ont.	bus.	99,900	209,500	189,500	131,000	143,300	154,600	26,915	296,455
	Total, Ont.	bus.	102,000	211,000	190,500	131,500	144,200	155,800	27,415	301,315
Raspberries	Eastern Ont.	qts.	3,114,000	2,024,100	2,186,000	2,858,800	2,715,860	2,579,800	2,508,000	1,326,000
	Western Ont.	qts.	2,750,700	2,033,600	2,189,000	2,139,000	1,806,000	2,183,700	1,928,750	1,696,700
	Total, Ont.	qts.	5,864,700	4,057,700	4,375,000	4,997,800	4,521,860	4,763,500	4,436,750	3,022,700
Strawberries	Eastern Ont.	qts.	2,703,400	1,081,400	1,200,300	2,222,400	1,155,648	1,672,600	1,452,000	3,099,000
	Western Ont.	qts.	8,262,600	5,036,550	4,247,000	3,750,000	3,522,500	4,963,700	4,694,350	4,660,470
	Total, Ont.	qts.	10,968,000	6,117,950	5,447,300	5,972,400	4,678,148	6,636,300	6,146,350	7,759,470

FINAL ESTIMATED PRODUCTION AND VALUE OF SPECIFIED COMMERCIAL FRUITS AND VEGETABLES IN ONTARIO FOR THE YEAR 1946 WITH COMPARATIVE FINAL FIGURES FOR THE YEAR 1945

Commodity and District	1945				1946			
	Total Acres	Total Production	Value per Unit $ c.	Total Value $	Total Acres	Total Production	Value per Unit $ c.	Total Value $
Apples:		bbl.	bbl.			bbl.	bbl.	
Toronto East	11,250	61,500	5.81	357,100	11,200	242,619	4.76	1,154,500
Toronto West	21,800	121,680	5.98	727,300	21,900	437,250	4.07	1,777,900
Total Province	33,050	183,180	5.92	1,084,400	33,100	679,869	4.31	2,932,400
Cantaloupes:		bu.	bu.			bu.	bu.	
Toronto East	157	11,400	1.40	16,000	135	43,875	1.70	74,600
Toronto West	734	179,120	1.60	286,600	762	233,060	1.35	313,300
Total Province	891	190,520	1.59	302,600	897	276,935	1.40	387,900
Cherries, Sour:		bu.	bu.			bu.	bu.	
Toronto East	383	1,000	7.40	7,400	252	11,340	6.50	73,700
Toronto West	2,630	10,526	6.60	69,500	2,722	123,877	5.34	661,900
Total Province	3,013	11,526	6.67	76,900	2,974	135,217	5.44	735,600
Cherries, Sweet:		bu.	bu.			bu.	bu.	
Toronto East	....	....	.....	....	....	....	....	....
Toronto West	1,302	29,650	7.84	232,400	1,372	48,257	6.88	331,800
Total Province	1,302	29,650	7.84	232,400	1,372	48,257	6.88	331,800
Grapes:		ton	ton			ton	ton	
Toronto East	50	100	100.00	10,000	36	72	85.00	6,100
Toronto West	15,173	31,431	74.86	2,352,900	16,429	32,491	93.51	3,038,300
Total Province	15,223	31,531	74.94	2,362,900	16,465	32,563	93.49	3,044,400
Peaches:		bu.	bu.			bu.	bu.	
Toronto East	....	....	.....	....	....	....	.....	....
Toronto West	15,445	910,500	2.92	2,657,000	15,460	1,475,560	2.37	3,502,000
Total Province	15,445	910,500	2.92	2,657,000	15,460	1,475,560	2.37	3,502,000
Pears:		bu.	bu.			bu.	bu.	
Toronto East	281	1,405	4.00	5,600	177	7,080	3.03	21,500
Toronto West	5,506	45,435	2.07	94,000	5,740	261,731	1.70	445,800
Total Province	5,787	46,840	2.13	99,600	5,917	268,811	1.74	467,300

FINAL ESTIMATED PRODUCTION AND VALUE OF SPECIFIED COMMERCIAL FRUITS AND VEGETABLES IN ONTARIO FOR THE YEAR 1946 WITH COMPARATIVE FINAL FIGURES FOR THE YEAR 1945—Continued

Commodity and District	1945				1946			
	Total Acres	Total Production	Value per Unit $ c.	Total Value $	Total Acres	Total Production	Value per Unit $ c.	Total Value $
Plums and Prunes:		bu.	bu.			bu.	bu.	
Toronto East	134	500	4.25	2,100	81	4,860	1.84	9,000
Toronto West	4,195	26,915	2.78	74,800	5,000	296,455	1.91	566,300
Total Province	4,329	27,415	2.81	76,900	5,081	301,315	1.91	575,300
Raspberries:		qt.	qt.			qt.	qt.	
Toronto East	1,951	2,508,000	.35	872,700	884	1,326,000	.34	447,600
Toronto West	1,402	1,928,750	.34	650,600	1,204	1,696,700	.41	704,000
Total Province	3,353	4,436,750	.34	1,523,300	2,088	3,022,700	.38	1,151,600
Strawberries:		qt.	qt.			qt.	qt.	
Toronto East	1,697	1,452,000	.30	432,000	1,033	3,099,000	.29	889,100
Toronto West	2,065	4,694,350	.22	1,022,000	2,163	4,660,470	.22	1,008,300
Total Province	3,762	6,146,350	.24	1,454,000	3,196	7,759,470	.24	1,897,400
Total acreage and value of the above specified fruits—								
Toronto East	15,903	....	.....	1,702,900	13,798	....	.....	2,676,100
Toronto West	70,252	....	.....	8,167,100	72,752	....	.....	12,349,600
Total Province	86,155	....	.....	9,870,000	86,550	....	.....	15,025,700
Asparagus:		lb.	lb.			lb.	lb.	
Toronto East	476	1,250,000	.12	154,000	323	646,000	.14	93,600
Toronto West	2,147	4,508,900	.10	458,700	2,077	3,476,000	.12	411,800
Total Province	2,623	5,758,000	.11	612,700	2,400	4,122,000	.12	505,400
Beets (topped):		ton	ton			ton	ton	
Toronto East	354	2,300	32.50	74,800	310	3,100	23.46	72,700
Toronto West	965	7,021	32.42	227,600	1,155	11,349	22.43	254,600
Total Province	1,319	9,321	32.44	302,400	1,465	14,449	22.65	327,300
Cabbage:		ton	ton			ton	ton	
Toronto East	2,056	17,500	26.42	462,300	1,280	19,200	13.71	263,200
Toronto West	2,610	24,944	30.14	751,900	2,650	27,343	18.43	504,000
Total Province	4,666	42,444	28.61	1,214,200	3,930	46,543	16.48	767,200

Carrots (topped):		ton	ton			ton	ton	
Toronto East	647	5,823	30.25	176,200	822	8,220	21.07	173,200
Toronto West	1,460	15,001	30.35	455,300	1,709	21,910	21.01	460,300
Total Province	2,107	20,824	30.33	631,500	2,531	30,130	21.03	633,500
Cauliflower:		doz.	doz.			doz.	doz.	
Toronto East	307	158,150	1.38	217,800	272	149,600	.95	142,000
Toronto West	881	417,225	1.45	606,300	954	434,300	.89	385,900
Total Province	1,188	775,355	1.43	844,100	1,226	583,900	.90	527,900
Celery:		crate	crate			crate	crate	
Toronto East	436	174,400	2.25	392,500	169	76,050	1.84	139,900
Toronto West	1,096	517,810	2.17	1,121,700	1,075	529,219	1.45	765,800
Total Province	1,532	692,210	2.19	1,514,200	1,244	605,269	1.50	905,700
Lettuce (head):		doz.	doz.			doz.	doz.	
Toronto East	336	336,000	.60	201,600	232	278,400	.47	130,800
Toronto West	769	774,985	.67	519,200	860	1,051,240	.52	546,600
Total Province	1,105	1,110,985	.65	720,800	1,092	1,329,640	.51	677,400
Mushrooms:		lb.	lb			lb.	lb.	
Toronto East	....	145,000	.40	58,000	....	150,000	.39	57,800
Toronto West	....	894,000	.42	379,100	....	1,086,000	.42	440,300
Total Province	....	1,039,000	.42	437,100	....	1,236,000	40	498,100
Onions:		ton	ton			ton	ton	
Toronto East	700	5,600	45.00	248,600	557	5,570	57.84	322,200
Toronto West	3,252	34,040	69.63	2,370,100	2,792	36,116	48.72	1,759,900
Total Province	3,952	39,640	66.06	2,618,700	3,349	41,686	49.95	2,082,100
Parsnips:		ton	ton			ton	ton	
Toronto East	142	1,420	57.00	80,900	256	2,048	43.25	88,600
Toronto West	459	3,492	68.25	238,300	490	3,820	38.70	147,800
Total Province	601	4,912	64.78	319,200	746	5,868	40.29	236,400
Potatoes (Commercial only):		ton	ton			ton	ton	
Toronto East	32,535	56,900	49.93	2,841,100	37,140	167,130	22.52	3,763,200
Toronto West	49,181	163,140	49.46	8,068,600	51,214	306,191	32.03	9,804,900
Total Province	81,716	220,040	49.58	10,909,700	88,354	473,321	28.67	13,568,100
Spinach:		ton	ton			ton	ton	
Toronto East	119	357	85.00	30,300	120	720	68.50	49,300
Toronto West	572	3,753	89.84	337,200	666	5,196	54.09	281,000
Total Province	691	4,110	89.42	367,500	786	5,916	55.83	330,300

FINAL ESTIMATED PRODUCTION AND VALUE OF SPECIFIED COMMERCIAL FRUITS AND VEGETABLES IN ONTARIO FOR THE YEAR 1946 WITH COMPARATIVE FINAL FIGURES FOR THE YEAR 1945—Continued

Commodity and District	1945				1946			
	Total Acres	Total Production	Value per Unit $ c.	Total Value $	Total Acres	Total Production	Value per Unit $ c.	Total Value $
Tomatoes:		bu.	bu.			bu.	bu.	
Toronto East	10,270	1,631,567	.62	1,010,500	10,890	2,712,932	.70	1,910,200
Toronto West	26,684	4,523,675	.93	4,205,300	35,791	7,959,200	.85	6,794,500
Total Province	36,954	6,155,242	.85	5,215,800	46,681	10,672,132	.82	8,704,700
Turnips (table only):		ton	ton			ton	ton	
Toronto East	1,403	16,836	15.29	257,300	824	8,240	15.98	131,600
Toronto West	8,360	97,490	16.26	1,585,400	9,106	93,100	14.01	1,304,100
Total Province	9,763	114,326	16.12	1,842,700	9,930	101,340	14.17	1,435,700
Total acreage and value of above specified vegetables—								
Toronto East	49,781	....	.....	6,205,900	53,195	....	.....	7,338,300
Toronto West	98,436	....	.....	21,324,700	110,539	....	.....	23,861,500
Total Province	148,217	....	.....	27,530,600	163,734	....	.....	31,199,800
Total acreage and value of above specified fruit and vegetables—								
Toronto East	65,684	....	.....	7,908,800	66,993	....	.....	10,014,400
Toronto West	168,688	....	.....	29,491,800	183,291	....	.....	36,211,100
Total Province	234,372	....	.....	37,400,600	250,284	....	.....	46,225,500

NOTE: Values per unit in the above table do not include cost of containers.

STATEMENT SHOWING 1946 CROP ONTARIO FRUITS AND VEGETABLES PURCHASED FOR PROCESSING PURPOSES BY ESTABLISHMENTS IN ONTARIO FOR THE ENTIRE SEASON OF 1946, WITH COMPARATIVE FIGURES FOR 1945

Commodity	Unit	Total Ontario Produce Entire 1945 Season			Total Ontario Produce Entire 1946 Season		
		Quantity Purchased	Unit Price $ c.	Total Value $	Quantity Purchased	Unit Price $ c.	Total Value $
Apples	cwt.	56,807	2.62	148,892	300,899	2.14	644,503
Blackberries	qt.	14	.31	4	....	......	....
Blueberries	lb.	115,684	.23	26,740	203,864	.22	44,435
Cherries, sour	lb.	271,066	.12	32,766	6,137,195	.11	645,227
Cherries, sweet	lb.	772,242	.16	126,145	1,474,007	.13	195,115
Crabapples	cwt.	146	4.27	623	686	2.93	2,009
Currants, black	lb.	54,435	.24	12,931	92,140	.25	23,315
Currants, red	lb.	116,893	.11	12,533	99,920	.11	11,219
Grapes	ton	17,093	65.36	1,117,228	23,853	92.36	2,203,160
Peaches	lb.	14,869,539	.05	768,635	39,729,275	.04	1,779,116
Pears, Bartlett	lb.	40	.11	4	780,728	.05	37,685
Pears, Kieffer	lb.	182,911	.03	5,438	7,398,399	.03	210,820
Plums	lb.	207,865	.04	7,678	10,473,747	.03	353,527
Prunes	lb.	....	......	....	781,825	.05	36,751
Raspberries, red	qt.	83,605	.32	26,418	87,853	.36	31,719
Raspberries, purple	qt.	51,573	.28	14,695	52,964	.32	17,338
Strawberries	qt.	2,727,058	.21	563,054	1,687,601	.20	331,653
Total Fruits				2,863,784			6,567,592
Asparagus	lb.	2,579,005	.09	237,617	2,348,743	.10	233,041
Beans, dry	lb.	8,141,839	.04	330,394	7,612,498	.05	399,206
Beans, green and wax	lb.	1,565,162	.03	47,566	2,121,006	.03	67,416
Beans, lima	lb.	367,307	.05	18,480	778,730	.08	62,854
Beets (topped)	ton	3,142	28.31	88,959	7,534	22.62	170,461
Cabbage	ton	9,835	18.66	183,493	4,482	9.69	43,439
Carrots (topped)	ton	12,314	29.12	358,537	12,257	20.87	255,909
Cauliflower	lb.	1,623,847	.03	46,014	2,675,619	.03	68,315
Celery	lb.	3,385,116	.04	125,122	4,400,509	.03	138,085
Corn	ton	27,373	14.37	393,293	42,828	15.14	648,695
Cucumber	ton	3,540	47.60	168,502	7,499	46.86	351,406
Mushrooms	lb.	683,493	.41	277,047	758,604	.40	304,167

STATEMENT SHOWING 1946 CROP ONTARIO FRUITS AND VEGETABLES PURCHASED FOR PROCESSING PURPOSES BY ESTABLISHMENTS IN ONTARIO FOR THE ENTIRE SEASON OF 1946, WITH COMPARATIVE FIGURES FOR 1945—Continued

Commodity	Unit	Total Ontario Produce Entire 1945 Season			Total Ontario Produce Entire 1946 Season		
		Quantity Purchased	Unit Price $ c.	Total Value $	Quantity Purchased	Unit Price $ c.	Total $
Onions	ton	2,638	61.92	163,342	2,409	62.72	151,093
Peas, dry	lb.	109,669	.07	7,960	324,867	.06	19,481
Peas, green, shelled	ton	19,412	54.93	1,066,332	28,101	55.51	1,559,930
Peppers	lb.	553,366	.04	23,626	1,145,548	.05	53,454
Potatoes	ton	4,517	47.17	213,069	4,216	33.60	141,666
Pumpkin	ton	2,579	6.23	16,078	10,513	6.27	65,890
Rhubarb	cwt.	8,512	1.71	14,584	23,455	1.68	39,384
Spinach	ton	837	24.83	20,782	1,699	25.44	43,230
Tomatoes	ton	144,071	20.80	2,937,201	279,588	20.59	5,757,108
Turnips	ton	5,527	15.52	85,782	546	15.04	8,211
Total Vegetables				6,823,780			10,582,442
Total Fruits and Vegetables				9,687,564			17,150,034

YEARLY AVERAGE PRICES RECEIVED BY FARMERS FOR FARM PRODUCTS, YEARS 1931 TO 1945, AND MONTHLY PRICES, JANUARY 1946 TO DATE

Year	Wheat per bus.	Oats per bus.	Barley per bus.	Rye per bus.	Flaxseed per bus.	Buckwheat per bus.
	c.	c.	c.	c.	$ c.	c.
1931	59.5	28.3	36.1	45.6	1.37	49.2
1932	54.4	30.0	39.6	43.8	1.08	43.7
1933	63.6	32.8	40.8	47.5	1.12	41.8
1934	84.5	41.3	52.1	58.9	1.29	53.2
1935	78.6	34.7	48.8	51.8	1.31	47.1
1936	84.1	37.5	54.2	56.1	1.45	50.0
1937	116.6	53.0	73.2	85.5	1.65	74.3
1938	76.2	40.7	52.2	59.4	1.46	56.4
1939	60.3	32.5	43.9	49.1	1.48	47.5
1940	69.7	36.2	48.3	56.7	1.46	52.2
1941	83.7	41.1	53.0	59.8	1.56	54.7
1942	96.8	48.9	61.5	68.1	1.84	64.2
1943	105.1	54.0	66.2	74.9	1.85	68.9
1944	108.9	57.7	70.7	87.0	1.85	75.9
1945	108.3	57.4	71.3	90.9	2.45	78.0
1946	114.6	58.0	73.6	134.9	2.64	80.1

YEARLY AVERAGE PRICES RECEIVED BY FARMERS FOR FARM PRODUCTS, YEARS 1931 TO 1945, AND MONTHLY PRICES, JANUARY 1946 TO DATE

Year	Butterfat per lb.	Milk per lb.	Turnips per cwt.	Chickens, live weight per lb.	Eggs per dozen	Wool, unwashed per lb.
	c.	c.	c.	c.	c.	c.
1931	24.1	1.6	30.2	15.8	23.2	8.3
1932	18.9	1.1	26.9	12.9	19.3	5.8
1933	20.1	1.0	25.9	11.8	19.2	7.3
1934	21.3	1.2	29.0	12.9	22.4	10.9
1935	22.2	1.2	28.6	13.4	22.1	9.4
1936	23.8	1.3	28.9	14.7	23.8	13.7
1937	26.7	1.4	29.4	14.8	23.1	20.9
1938	27.8	1.4	33.8	16.0	24.4	12.1
1939	23.7	1.28	27.6	15.2	23.1	12.2
1940	26.2	1.38	30.6	14.8	23.4	21.2
1941	33.9	1.60	34.0	16.5	26.2	24.3
1942	37.4	2.17*	41.1	19.3	31.5	27.0
1943	42.4	2.40*	59.8	23.3	35.8	28.6
1944	43.1	2.52*	69.4	23.2	32.4	28.8
1945	43.8	2.53*	62.9	24.5	34.7	28.7
1946	47.8	2.69*	69.2	25.2	36.4	28.8

*Sold to Distributors

YEARLY AVERAGE PRICES RECEIVED BY FARMERS FOR FARM PRODUCTS, YEARS 1931 TO 1945, AND MONTHLY PRICES, JANUARY 1946 TO DATE

Year	Beef Cattle, live weight per cwt.	Calves, live weight per cwt.	Sheep, live weight per cwt.	Lambs, live weight per cwt.	Hogs, live weight per cwt.	Hogs, dressed per cwt.
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1931	5.14	6.83	3.99	7.24	6.84	.....
1932	4.18	5.03	2.75	5.46	4.18	.....
1933	3.54	4.85	2.49	5.40	4.94	.....
1934	3.80	5.18	2.71	6.01	7.59	.....
1935	4.59	5.84	2.78	6.37	7.99	.....
1936	4.41	6.49	3.14	7.13	8.08	.....
1937	5.63	7.29	3.61	7.88	8.62	.....
1938	5.08	7.16	3.38	7.69	9.05	.....
1939	5.60	7.51	3.45	7.90	8.47	.....
1940	6.35	8.37	4.11	8.65	8.37	.....
1941	7.21	9.32	4.41	9.53	9.36	12.63
1942	9.33	11.81	5.56	11.24	11.32	15.02
1943	10.45	13.26	6.88	12.64	12.55	16.37
1944	9.91	12.41	5.05	11.77	12.80	16.86
1945	10.50	12.64	4.98	12.11	13.81	17.68
1946	11.22	13.44	5.91	13.32	15.28	19.52

YEARLY AVERAGE PRICES RECEIVED BY FARMERS FOR FARM PRODUCTS, YEARS 1931 TO 1945, AND MONTHLY PRICES, JANUARY 1946 TO DATE

Year	Potatoes per cwt.	Hay and Clover per ton	Alfalfa per ton	Honey per lb.	Horses per head	Milk Cows per head
	c.	$ c.	$ c.	$ c.	$ c.	$ c.
1931	80.4	10.39	11.05	9.3	91.67	58.25
1932	55.1	8.47	8.82	7.9	80.80	41.85
1933	96.7	8.14	8.12	7.9	83.22	35.46
1934	95.2	12.96	13.14	9.3	93.78	34.56
1935	69.1	10.67	11.48	9.7	103.73	38.40
1936	145.3	7.51	7.85	9.6	114.77	43.38
1937	102.8	7.89	8.16	10.0	123.60	48.87
1938	72.4	7.59	7.60	10.0	119.15	48.81
1939	115.5	7.32	7.70	9.5	111.64	50.20
1940	116.8	7.80	8.54	10.2	104.56	57.46
1941	115.1	8.90	9.37	11.5	95.68	66.56
1942	178.4	11.38	11.84	13.3	98.87	86.62
1943	217.0	9.84	10.60	15.5	105.04	112.00
1944	197.5	10.43	11.08	16.5	96.59	109.09
1945	216.1	11.60	12.36	17.4	89.48	110.79
1946	240.2	11.14	12.20	18.4	90.10	121.36

PRODUCTION AND VALUE OF PRINCIPAL FIELD CROPS IN ONTARIO, YEAR 1946

Field Crops	Acres	Yield per Acre	Production	Market Value Total	Market Value Per Acre
		bus.	bus.	$	$ c.
Fall Wheat	546,100	29.8	16,274,000	20,017,000	36.65
Spring Wheat	38,000	22.0	836,000	1,018,000	26.78
Oats	1,635,000	43.9	71,776,000	38,760,000	23.71
Barley	293,000	36.7	10,753,000	7,742,000	26.42
Peas, dry	34,300	21.0	720,000	2,045,000	59.62
Beans, dry	76,800	17.3	1,328,000	3,944,000	51.35
Mixed Grains	946,000	44.7	42,286,000	27,063,000	28.60
Rye	65,000	21.2	1,378,000	2,522,000	38.80
Buckwheat	116,000	23.2	2,691,000	2,045,000	17.63
Flax	18,000	9.4	169,000	512,000	28.44
Soy Beans	59,200	18.1	1,072,000	2,370,000	40.03
Corn (shelled)	240,000	43.3	10,392,000	11,016,000	45.90
Potatoes	120,000	149.9	17,993,000	19,980,000	166.50
Turnips	41,300	402.0	16,608,000	5,481,000	132.71
Mangels	20,200	420.0	8,484,000	2,298,000	113.76
		tons	tons		
Corn (for silo), green	340,000	8.97	3,050,000	10,980,000	32.29
Hay and Clover	2,740,000	1.75	4,795,000	52,074,000	19.00
Alfalfa	707,500	2.26	1,599,000	18,916,000	26.74
Alsike	54,000	1.44	77,800	720,000	13.33
Sweet Clover	158,000	2.05	324,000	2,812,000	17.80
Sugar Beets	23,300	10.0	232,400	2,963,000	12.72

THE WEATHER

Temperature.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperature for the six months, April-September, practically the growing season, together with the average for the five years, 1942-1946, and the sixty-five years, 1882-1946.

	1946	1945	1944	1943	1942	1942-1946	1882-1946
	°	°	°	°	°	°	°
January	19.9	10.7	23.9	13.5	18.7	17.3	18.1
February	16.5	20.6	19.9	20.5	16.8	18.9	18.0
March	39.6	39.7	23.8	24.1	32.6	31.9	27.8
April	42.0	45.5	38.8	35.5	47.2	41.7	41.5
May	51.7	48.6	57.6	52.3	55.4	53.1	53.6
June	61.6	61.4	64.8	66.2	64.0	63.6	63.5
July	67.8	65.3	68.8	68.3	67.2	67.5	68.3
August	63.9	66.4	69.2	66.1	66.4	66.4	65.5
September	60.3	59.8	59.4	56.7	57.8	58.8	59.8
October	52.2	46.1	47.3	46.4	48.5	48.1	47.5
November	38.5	36.8	37.4	34.3	35.8	36.6	35.5
December	25.1	19.4	19.8	21.5	19.3	21.0	23.4
Annual Mean	44.9	43.3	44.2	42.1	44.1	43.9	43.5
Mean for six months April-September	57.9	57.8	59.7	57.5	59.7	58.5	58.7

The mean temperature for 1946 was 44.9 degrees or 1.6 degree above the preceding year and 1.4 degree above the normal for the sixty-five years, 1882-1946.

The mean for the six months, April-September, was 57.9 or 0.1 degree above the preceding year, and 0.8 degree below normal.

Five months were above normal and seven below. March had the greatest departure above normal with 11.8 degrees, and May and June the greatest below with 1.9 degrees.

Sunshine.—In the following the averages of sunshine are derived from the records of weather stations at Woodstock, Toronto, Lindsay and Ottawa.

Months	Sun above horizon	1946	1945	1944	1943	1942	1942-1946	1882-1946
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	74.0	101.6	84.0	70.5	87.5	83.5	77.0
February	291.4	106.3	87.4	97.7	119.7	108.5	103.9	103.3
March	369.9	172.2	165.2	142.8	157.2	103.7	148.2	141.1
April	406.4	197.3	159.3	176.2	170.5	213.0	183.3	178.0
May	461.1	209.2	165.9	217.0	165.8	155.0	182.6	214.7
June	465.7	267.8	216.8	226.0	264.5	234.0	241.8	248.6
July	470.9	307.2	259.6	281.3	265.0	270.2	276.6	271.2
August	434.5	205.5	238.7	271.2	225.5	225.0	233.2	240.7
September	376.3	201.3	161.5	166.5	177.5	168.8	175.1	182.1
October	340.2	150.2	137.3	154.0	138.3	146.0	145.2	140.0
November	286.9	75.0	57.3	60.7	63.5	102.3	71.8	77.6
December	274.3	71.0	95.4	63.8	85.0	66.2	76.3	62.8
The year	4463.3	2037.0	1846.0	1941.2	1903.0	1880.2	1921.5	1937.1
For six months April-September	2614.9	1388.3	1201.8	1338.2	1268.8	1266.0	1292.6	1335.3

The year 1946 had 2,037.0 hours of sunshine or 99.9 hours more than the average for the sixty-five years. The six growing months, April-September, had 1,388.3 or 53.0 hours above normal. Eight months were above normal and four below. July had the greatest departure above normal with 36.0 hours and August the greatest below with 35.2 hours.

PRECIPITATION

The rainfall for the six months, April-September, comprising what is the growing season for most crops, is given in the following table covering the last five years, 1942-1946, and the normal for the sixty-five years, 1882-1946.

Months	1946	1945	1944	1943	1942	1942-1946	1882-1946
	in.	in.	in.	in.	in.	in.	in.
April	1.07	2.97	1.57	1.27	1.26	1.63	1.88
May	3.31	4.32	2.47	4.49	4.62	3.84	2.76
June	2.24	3.29	3.54	3.55	1.94	2.91	2.82
July	1.95	3.62	3.24	3.03	2.93	2.95	2.88
August	2.38	2.26	2.21	3.32	2.31	2.50	2.58
September	2.61	5.27	3.85	2.40	4.69	3.76	2.89
Total for six months	13.56	21.73	16.88	18.06	17.75	17.59	15.81

The rainfall for the six months, April-September, was 13.56 or 8.17 inches less than the preceding year and in comparison with the sixty-five years 2.28 inches below. One month was above normal and five below. May with 0.55 above and July 0.93 below had the greatest departures during the growing season.

Precipitation.—The fall of both rain and snow for the five winter months including November, 1946, and March, 1947, is given in the following table for five years, together with the average for the sixty-six years, 1882-1947. Ten inches of snow is equal to one inch of rain.

Months	1946	1945	1944	1943	1942	1942-1947	1882-1947
	in.	in.	in.	in.	in.	in.	in.
November, 1946:							
Rain	1.80	1.61	1.55	1.88	2.30	1.83	1.96
Snow	6.2	9.1	8.7	9.3	4.7	7.6	7.6
December, 1946:							
Rain	1.44	0.62	0.26	1.22	1.23	0.96	1.15
Snow	20.4	14.6	11.5	24.1	11.3	16.4	15.6
January, 1947:							
Rain	1.14	0.62	0.44	0.10	0.74	0.61	0.88
Snow	22.8	20.3	5.6	25.7	16.8	18.2	18.6
February, 1947:							
Rain	0.01	0.55	0.38	0.59	0.49	0.41	0.54
Snow	19.5	19.4	13.0	13.8	15.8	16.3	15.5
March, 1947:							
Rain	0.78	0.85	0.94	14.5	1.96	1.19	1.17
Snow	19.6	2.8	17.3	14.1	12.0	13.2	11.3
Five Months:							
Rain	5.17	4.25	3.57	5.24	6.77	5.00	5.70
Snow	88.5	66.2	56.1	8.70	60.6	71.7	68.6

The total amount of rainfall for the five months was 5.17 inches or 0.53 below average for the sixty-six years, 1882-1947. The total amount of snowfall was 88.5 or 19.9 above normal.

TEMPERATURES, 1946

Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1946; also the annual mean for each station.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
	°	°	°	°	°	°	°	°	°	°
January:										
Highest	54.0	57.0	56.9	55.2	62.6	57.0	52.0	47.0	47.3	51.0
Lowest	—8.0	—2.0	—5.0	—5.3	—2.0	—6.3	—21.0	—27.0	—23.0	—39.0
Daily range	13.0	11.6	14.1	13.8	13.3	12.3	15.8	17.6	16.6	24.7
Monthly mean	23.6	26.6	23.2	22.9	27.7	25.3	16.4	15.8	11.2	5.9
February:										
Highest	42.0	46.0	48.0	49.3	55.1	49.8	45.0	42.0	46.3	35.0
Lowest	—12.0	1.0	—1.2	—5.0	5.6	—2.5	—26.0	—28.0	—16.0	—48.0
Daily range	17.6	14.1	14.8	15.2	13.9	14.9	20.2	20.3	20.3	32.5
Monthly mean	18.6	25.6	21.6	20.8	24.9	22.6	12.6	10.9	7.4	—0.4
March:										
Highest	70.0	78.0	76.0	76.1	77.7	79.8	77.0	70.0	79.8	76.0
Lowest	8.0	20.0	15.7	15.9	18.0	18.8	6.5	—6.0	9.8	—13.0
Daily range	19.5	17.0	20.2	19.5	17.6	16.2	22.5	22.3	19.8	27.8
Monthly mean	40.0	44.2	41.4	41.1	42.6	42.9	38.2	36.5	37.2	32.0
April:										
Highest	78.0	74.0	80.5	79.9	80.0	72.2	79.0	77.0	80.0	72.0
Lowest	28.0	22.0	22.1	21.3	28.3	27.5	19.0	18.0	18.7	14.0
Daily range	16.2	20.1	20.9	21.5	18.9	17.6	23.3	22.2	18.8	24.3
Monthly mean	40.8	46.2	43.1	42.5	45.8	44.7	40.6	39.2	40.9	35.8
May:										
Highest	76.0	81.0	79.1	77.2	83.0	84.1	77.5	76.0	79.9	83.0
Lowest	30.0	31.0	29.0	26.0	33.0	33.5	24.5	23.0	27.0	19.0
Daily range	18.2	18.5	19.5	19.8	18.9	17.5	23.8	24.1	20.0	26.9
Monthly mean	49.7	55.7	53.5	51.9	53.1	54.4	51.5	50.1	52.4	45.2
June:										
Highest	88.2	90.0	86.5	86.9	93.0	89.6	92.0	89.1	91.1	90.0
Lowest	35.0	40.0	34.4	35.5	38.5	41.0	35.0	31.1	39.3	27.0
Daily range	20.8	18.5	20.4	20.3	21.4	19.7	24.9	26.0	22.1	31.2
Monthly mean	60.0	60.8	63.4	62.2	64.6	64.7	61.1	59.3	62.7	57.6
July:										
Highest	86.4	96.0	92.6	88.2	95.0	90.2	90.0	90.0	95.0	90.0
Lowest	42.8	49.0	45.0	41.4	49.0	50.9	43.0	36.0	41.4	35.0
Daily range	22.8	21.4	23.5	24.3	21.1	20.3	28.0	29.6	23.0	29.8
Monthly mean	67.1	72.0	68.8	66.9	70.2	70.4	67.3	65.1	68.1	61.9
August:										
Highest	88.0	87.0	87.7	83.8	90.0	87.3	91.0	89.0	90.0	86.0
Lowest	42.8	43.0	42.9	42.0	46.0	48.3	41.0	36.0	39.0	35.0
Daily range	22.6	20.3	21.1	21.2	17.5	17.7	24.9	25.9	21.0	26.0
Monthly mean	65.4	66.5	64.7	63.7	66.4	66.0	62.9	61.4	63.5	58.8
September:										
Highest	85.0	87.0	84.5	84.5	83.0	84.5	81.1	79.0	87.1	81.0
Lowest	36.0	41.0	37.6	34.2	38.0	41.3	30.0	28.0	35.2	28.0
Daily range	21.6	19.8	22.6	24.0	19.3	18.8	23.9	24.9	23.0	27.4
Monthly mean	61.1	64.9	61.8	60.6	62.0	62.8	59.0	57.4	60.1	53.7
October:										
Highest	80.2	87.0	86.4	85.4	83.0	82.3	81.1	79.0	81.6	81.0
Lowest	25.0	34.0	31.6	27.4	31.0	33.8	24.0	20.0	18.0	22.0
Daily range	19.0	20.2	21.6	21.9	19.7	19.0	22.9	22.1	22.1	26.0
Monthly mean	53.4	57.2	53.6	53.1	55.5	54.5	49.2	49.6	48.8	46.8
November:										
Highest	56.5	70.0	66.0	59.8	64.0	62.1	57.5	56.0	58.0	62.0
Lowest	22.0	23.0	20.0	18.7	26.0	26.3	9.5	10.0	5.0	—16.0
Daily range	12.8	16.1	14.6	14.6	13.5	12.5	15.5	15.7	12.9	18.9
Monthly range	40.0	43.5	39.9	39.4	43.7	42.9	36.0	35.6	35.3	29.2
December:										
Highest	58.5	57.0	55.2	54.6	60.0	58.3	55.9	51.0	53.2	51.0
Lowest	7.0	8.0	5.2	6.7	10.0	2.2	—13.1	—15.0	—14.6	—22.0
Daily range	12.1	12.8	13.3	13.2	12.4	12.8	16.0	17.6	15.0	19.0
Monthly mean	26.7	31.3	28.2	27.4	31.6	29.6	20.6	20.2	19.5	15.7
The Year	45.5	49.5	46.9	46.0	49.0	48.4	43.0	41.8	42.3	36.9

AVERAGE TEMPERATURE FOR SIXTY-FIVE YEARS

Showing for each month the monthly average for the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario, derived from the sixty-five years, 1882-1946; also the annual mean at each station for the same period.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
	°	°	°	°	°	°	°	°	°	°
January:										
Highest	44.1	46.9	45.8	45.4	49.4	45.6	41.5	40.5	40.6	38.3
Lowest	—7.3	—6.1	—8.5	—9.2	—3.5	—6.0	—19.3	—27.0	—21.0	—35.1
Daily range	14.1	12.4	14.7	15.0	13.8	14.0	17.8	20.2	17.7	25.4
Monthly mean	20.9	23.0	21.6	20.1	25.2	23.0	16.0	14.0	11.8	5.5
February:										
Highest	43.8	49.4	46.2	45.2	48.4	45.3	41.8	41.3	40.5	40.9
Lowest	—10.8	—6.0	—9.1	—8.9	—3.8	—5.7	—17.4	—25.6	—19.3	—34.8
Daily range	15.8	13.9	16.0	16.8	14.5	14.5	19.3	21.5	18.8	26.3
Monthly mean	19.3	22.6	20.9	21.3	23.8	22.1	15.8	13.7	13.0	8.0
March:										
Highest	55.3	61.2	60.3	58.0	60.7	57.5	53.5	51.3	50.6	51.8
Lowest	—1.6	3.9	1.5	1.5	7.0	5.5	—5.9	—12.8	—7.4	—23.4
Daily range	16.2	15.2	17.2	16.1	14.6	14.3	18.5	20.5	17.3	26.3
Monthly mean	27.5	31.9	30.6	29.0	32.9	30.8	26.2	24.0	25.1	20.0
April:										
Highest	72.4	77.2	76.0	74.1	76.7	72.0	74.4	71.6	74.1	72.5
Lowest	16.7	20.2	19.1	18.3	21.6	21.9	14.7	10.4	15.9	4.0
Daily range	17.2	18.6	20.3	19.3	16.9	16.4	20.9	21.3	19.3	24.6
Monthly mean	40.1	44.5	43.1	42.3	44.0	43.0	41.2	39.0	41.2	37.0
May:										
Highest	79.7	84.3	83.4	81.0	84.7	81.3	83.0	81.0	83.3	84.5
Lowest	28.5	30.4	29.3	29.4	33.0	32.6	27.6	25.6	30.7	19.8
Daily range	19.1	21.3	22.7	21.4	20.2	19.2	23.9	23.7	21.7	27.6
Monthly mean	50.8	56.0	55.0	53.7	54.6	54.4	53.8	51.9	54.9	50.8
June:										
Highest	85.3	90.2	89.4	86.7	90.8	88.3	89.3	86.7	88.7	90.0
Lowest	37.4	39.7	38.3	38.9	41.7	42.6	38.2	34.9	41.0	32.3
Daily range	19.8	21.6	23.0	21.5	20.7	20.1	24.5	24.6	21.7	28.4
Monthly mean	60.4	65.9	64.8	63.5	65.1	64.5	63.6	61.7	64.6	60.6
July:										
Highest	87.8	93.9	92.8	90.1	93.1	91.8	92.0	89.5	91.4	92.0
Lowest	44.1	45.8	44.2	44.6	48.2	49.3	43.8	41.3	47.4	38.7
Daily range	19.8	22.2	23.3	22.2	20.9	20.1	24.5	24.0	20.9	28.9
Monthly mean	66.2	70.7	69.4	68.0	71.0	69.7	67.8	66.1	69.0	65.5
August:										
Highest	86.4	91.5	91.0	88.6	92.9	89.6	90.2	87.4	89.3	88.5
Lowest	42.2	44.5	41.4	42.0	46.4	47.3	40.8	37.4	43.6	35.6
Daily range	18.6	21.3	23.0	22.5	20.0	21.0	24.5	23.6	21.3	26.2
Monthly mean	64.9	68.6	67.1	60.7	69.1	67.1	65.7	63.8	66.4	61.9
September:										
Highest	84.5	87.2	87.3	85.0	89.1	85.9	85.4	82.8	85.0	83.5
Lowest	34.7	35.6	32.5	32.9	36.5	37.3	31.5	29.3	33.2	27.8
Daily range	18.2	20.0	22.3	20.9	19.6	18.5	22.4	21.7	19.6	24.2
Monthly mean	59.2	62.5	60.7	59.4	67.6	60.8	58.3	56.8	58.3	54.4
October:										
Highest	74.6	77.6	76.2	74.5	77.6	74.4	74.2	72.3	73.2	72.6
Lowest	26.0	27.2	24.4	24.4	27.1	27.9	21.7	20.1	23.7	17.2
Daily range	16.1	17.6	19.7	18.6	18.1	16.2	20.0	19.0	18.0	20.0
Monthly mean	48.2	50.7	48.6	47.6	50.8	49.2	46.3	45.3	46.2	42.6
November:										
Highest	61.8	64.4	62.8	62.0	65.9	61.3	59.9	58.8	59.4	56.0
Lowest	14.6	15.6	13.5	13.0	18.0	16.4	6.8	5.0	7.4	—2.4
Daily range	13.0	12.5	12.9	14.0	13.5	12.6	15.4	15.0	13.2	15.7
Monthly mean	38.9	38.5	36.1	36.0	39.7	38.1	33.9	32.8	32.8	28.6
December:										
Highest	48.6	50.1	51.2	48.4	52.6	48.9	45.5	44.2	43.2	42.6
Lowest	0.0	1.7	—2.1	—2.7	1.4	0.0	—13.0	—17.0	—15.4	—26.1
Daily range	12.4	10.9	13.0	13.0	12.4	12.3	15.9	16.8	14.8	20.0
Monthly mean	26.4	27.4	26.3	25.1	29.2	27.6	21.0	19.8	17.7	13.3
The Year	43.6	46.9	45.3	43.9	47.7	45.9	42.5	40.7	41.7	37.3

RAIN AND SNOW

Summary of the total fall of rain and snow and the number of days on which rain and snow fell in Ontario during 1946, at stations reporting the whole year, and the average of the Province.

Stations	Rain		Snow	
	Inches	Days	Inches	Days
Algoma:				
Biscotasing	21.08	86	100.8	59
Franz	In	com	plete	
Kapuskasing	21.11	95	60.5	42
Steep Hill Falls	In	com	plete	
Brant:				
Brantford	14.91	91	36.6	20
Paris	In	com	plete	
Bruce:				
Southampton	20.73	108	153.3	70
Tobermory	20.81	62	97.5	26
Walkerton	16.64	69	89.0	38
Carleton:				
Ottawa	29.66	116	81.9	59
Durham:				
Orono	26.70	96	59.1	36
Elgin:				
St. Thomas	24.99	94	37.4	25
Essex:				
Harrow	15.85	97	26.1	24
Leamington	20.91	83	27.8	12
Frontenac:				
Kingston	In	com	plete	
Grey:				
Eugenia	16.09	72	130.0	43
Halton:				
Georgetown	In	com	plete	
Hastings:				
Belleville	22.87	101	64.1	42
Trenton	22.75	80	66.0	34
Huron:				
Brucefield	19.80	76	50.5	28
Lucknow	17.04	75	91.0	47
Ridgecrest	16.40	68	76.0	28
Kenora:				
Ignace	22.61	75	88.3	48
Kenora	16.17	84	62.7	74
Sioux Lookout	18.28	97	104.9	91
Kent:				
Chatham	28.69	103	25.0	12
Leeds:				
Brockville	30.51	119	71.5	28
Lincoln:				
St. Catharines	23.55	83	25.2	14
Vineland	22.16	110	40.0	23
Manitoulin:				
Providence Bay	In	com	plete	
Middlesex:				
London	28.11	115	48.4	50
Lucan	21.73	99	8.43	45
Muskoka:				
Beatrice	24.00	93	144.8	47
Nipissing:				
Algonquin Park	25.61	75	116.8	42
Haileybury	20.74	103	109.6	71
Iroquois Falls	26.85	99	81.4	67
Madawaska	20.49	58	69.0	22
Montreal River	25.45	99	72.0	54
North Bay	24.12	103	82.0	44
Rutherglen	In	com	plete	
Norfolk:				
Simcoe	20.97	63	26.2	13
Northumberland:				
Healey's Falls	In	com	plete	
Oxford:				
Woodstock	27.54	98	36.6	31
Parry Sound:				
Magnetawan	24.65	94	104.9	60
Parry Sound	20.60	104	119.1	62
Peel:				
Alton	In	com	plete	
Perth:				
Stratford	25.74	95	102.0	46
Peterborough:				
Apsley	25.07	113	84.4	43
Lakefield	In	com	plete	
Peterborough	21.43	76	55.3	30
Rainy River:				
Atikokan	18.46	35	56.4	25
Emo	22.29	76	46.6	23
Fort Frances	21.66	66	53.8	31
Mine Centre	19.16	57	70.5	25
Renfrew:				
Clontarf	21.04	76	76.2	34
Pembroke	16.81	89	68.5	30
Renfrew	In	com	plete	
Simcoe:				
Beeton	15.36	81	60.6	33
Orillia	20.18	87	105.6	48
Washago	In	com	plete	
Sudbury:				
Chapleau	In	com	plete	
Coniston	21.52	80	75.5	47
Timmins	19.33	96	64.4	63
Thunder Bay:				
Kakabeka Falls	22.11	73	78.9	35
Port Arthur	20.08	85	83.8	59
Savanne	In	com	plete	
Schreiber	21.05	67	87.0	42
Victoria:				
Fenelon Falls	22.22	92	88.8	39
Lindsay	21.20	105	104.0	47
Waterloo:				
Kitchener	28.84	67	40.5	18
Welland:				
Welland	27.09	94	35.9	29
Wellington:				
Guelph	20.67	94	45.1	32
York:				
Agincourt	22.13	97	59.8	43
Toronto	23.30	111	60.8	37
Average for the				
Province 1946	22.22	88	73.5	40
1945	30.40	97	67.1	45
1944	21.80	79	81.4	46
1882-1946	24.30	86	73.5	42

RAIN AND SNOW

Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1946. Also the average derived from the sixty- five years, 1882-1946.

Months	West and Southwest		North and Northwest		Centre		East and Northeast		The Province	
	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow
1946	in.	in.	in.	in.	in.	in.	in.	in.	in.	in
January............	0.60	22.0	0.44	16.3	0.79	22.1	0.64	20.7	0.62	20.3
February...........	0.63	21.7	0.16	18.4	0.75	22.9	0.67	14.8	0.55	19.4
March.............	1.40	1.7	0.70	4.1	0.21	2.7	1.09	2.7	0.85	2.8
April..............	0.73	0.2	1.14	9.8	1.01	0.8	1.39	1.6	1.07	3.1
May...............	3.50	......	2.72	1.2	3.49	......	3.53	......	3.31	0.3
June...............	2.70	......	2.60	......	1.67	......	1.97	......	2.24	......
July...............	1.66	......	2.32	......	2.12	......	1.72	......	1.95	......
August............	1.93	......	3.37	......	2.11	......	2.12	......	2.38	......
September..........	1.88	......	3.20	......	2.22	......	3.13	......	2.61	......
October............	2.91	......	2.96	2.1	3.46	0.1	4.26	1.8	3.40	1.0
November..........	1.68	1.6	1.18	11.7	2.11	5.7	2.22	5.6	1.80	6.2
December..........	1.80	17.2	0.91	15.7	1.47	25.0	1.60	23.7	1.44	20.4
The year........	21.42	64.4	21.70	79.3	21.40	79.3	24.34	70.9	22.22	73.5
1882–1946										
January............	1.13	16.5	0.44	21.8	1.00	17.0	0.94	19.1	0.88	18.6
February...........	1.04	13.8	0.30	17.4	0.83	14.4	0.63	16.3	0.70	15.5
March.............	1.41	9.0	0.72	13.4	1.34	10.4	1.23	11.7	1.17	11.1
April..............	2.18	2.6	1.46	5.1	2.04	3.3	1.85	3.8	1.88	3.7
May...............	3.04	0.1	2.44	0.4	2.81	0.1	2.74	0.1	2.76	0.2
June...............	2.94	......	2.85	Trace	2.75	......	2.75	......	2.82	......
July...............	2.75	......	3.03	......	2.87	......	2.88	......	2.88	......
August............	2.69	......	2.88	......	2.45	......	2.31	......	2.58	......
September..........	2.83	......	3.21	Trace	2.74	......	2.78	Trace	2.89	......
October............	2.71	0.8	2.66	2.6	2.61	0.7	2.52	0.9	2.63	1.2
November..........	2.23	5.9	1.58	11.8	2.06	5.7	1.97	7.0	1.96	7.6
December..........	1.73	14.5	0.60	19.4	1.16	13.6	1.11	14.8	1.15	15.6
The year........	26.68	63.2	22.17	91.9	24.66	65.2	23.71	73.7	24.30	73.5

SUNSHINE

Monthly summary of bright sunshine at the principal stations in Ontario for 1946 showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year and average derived from the sixty-five years, 1882-1946.

Months	Sun above horizon	Woodstock	Toronto	Lindsay	Ottawa	Average of four stations		
						1946	1945	1882–1946
1946	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	54.0	79.0	74.0	89.0	74.0	101.6	....
February	291.4	79.0	108.0	121.0	117.0	106.3	87.4	....
March	369.9	138.0	163.0	210.0	178.0	172.2	165.2	....
April	406.4	197.0	217.0	209.0	166.0	197.3	159.3	....
May	461.1	188.0	211.0	211.0	227.0	209.2	163.5	....
June	465.7	236.0	261.0	292.0	282.0	267.8	216.8	....
July	470.9	294.0	324.0	300.0	311.0	307.2	259.6	....
August	434.5	193.0	227.0	214.0	188.0	205.5	238.7	....
September	376.3	177.0	214.0	209.0	205.0	201.3	161.4	....
October	340.2	145.0	148.0	160.0	148.0	150.2	137.3	....
November	286.9	68.0	79.0	78.0	75.0	75.0	57.3	....
December	274.3	48.0	72.0	86.0	78.0	71.0	95.4	....
The year	4,463.3	1,817.0	2,103.0	2,164.0	2,064.0	2,037.0	1,843.5	....
1882–1946								
January	....	65.5	77.5	73.8	91.1	....	....	77.0
February	....	93.8	106.7	99.6	113.1	....	....	103.3
March	....	126.2	148.3	140.7	149.1	....	....	141.1
April	....	167.9	185.1	172.5	186.6	....	....	178.0
May	....	213.8	222.8	203.5	218.9	....	....	214.7
June	....	254.5	261.8	231.4	246.5	....	....	248.6
July	....	280.1	287.4	249.7	267.5	....	....	271.2
August	....	238.3	254.4	224.7	245.5	....	....	240.7
September	....	177.3	202.2	174.0	174.8	....	....	182.1
October	....	145.8	152.3	128.5	133.6	....	....	140.0
November	....	75.8	83.5	70.1	81.2	....	....	77.6
December	....	55.5	66.1	60.1	69.5	....	....	62.8
The year	....	1,894.5	2,048.1	1,828.6	1,977.4	....	....	1,937.1

RURAL AREA ASSESSED

Showing by County Municipalities the rural area of Ontario as returned by Municipal Assessors for 1946 to the Ontario Department of Municipal Affairs.

Counties and Districts	Acres of Assessed Land	Acres Cleared	Per cent cleared
Brant	215,878	178,129	82.51
Elgin	434,601	366,235	84.27
Essex	418,562	381,905	91.24
Haldimand	280,530	243,917	86.95
Kent	568,175	509,688	89.71
Lambton	665,513	559,362	84.05
Lincoln	187,780	161,264	85.88
Middlesex	752,411	681,333	90.55
Norfolk	390,009	269,667	69.14
Oxford	470,432	411,911	87.56
Welland	217,543	188,545	86.67
Wentworth	264,356	206,504	78.12
Southern Ontario	**4,865,790**	**4,158,460**	**85.46**
Bruce	926,722	581,938	62.80
Dufferin	365,113	283,693	77.70
Grey	1,047,589	715,596	68.31
Halton	226,700	173,117	76.36
Huron	795,522	667,659	83.93
Peel	287,961	261,545	90.83
Perth	518,376	462,707	89.26
Simcoe	938,668	678,237	72.26
Waterloo	306,346	259,234	84.62
Wellington	623,773	522,510	83.77
Western Ontario	**6,036,770**	**4,606,236**	**76.30**
Durham	367,337	311,674	84.85
Haliburton	469,029	48,504	10.34
Hastings	1,040,916	405,823	38.99
Muskoka	593,280	78,442	13.22
Northumberland	429,080	349,778	81.52
Ontario	498,845	380,757	76.33
Parry Sound	620,365	107,048	17.26
Peterborough	553,559	246,426	44.52
Prince Edward	234,764	198,696	84.64
Victoria	608,039	286,468	47.11
York	527,683	447,110	84.73
Central Ontario	**5,942,897**	**2,860,726**	**48.14**
Carleton	559,825	373,843	66.78
Dundas	234,702	193,826	82.58
Frontenac	681,206	244,167	35.84
Glengarry	287,942	203,414	70.64
Grenville	271,490	184,838	68.08
Lanark	671,342	348,484	51.91
Leeds	478,739	265,119	55.38
Lennox and Addington	428,569	253,040	59.04
Prescott	295,908	228,734	77.30
Renfrew	1,059,885	396,681	37.43
Russell	246,872	174,869	70.83
Stormont	239,113	137,913	57.68
Eastern Ontario	**5,455,593**	**3,004,928**	**55.08**
Algoma	318,881	74,680	23.42
Cochrane	345,148	56,327	16.32
Kenora	95,355	15,045	15.78
Manitoulin	373,842	51,197	13.69
Nipissing	312,297	67,417	21.59
Rainy River	389,063	72,642	18.67
Sudbury	443,657	100,964	22.76
Thunder Bay	436,190	71,546	16.40
Timiskaming	305,453	92,062	30.14
Northern Ontario	**3,019,886**	**601,880**	**19.93**
The Province, 1946	**25,320,936**	**15,232,230**	**60.16**

FALL WHEAT AND SPRING WHEAT

Showing by County Municipalities of Ontario the area, production and market value of Fall Wheat and Spring Wheat for the year 1946.

Counties and Districts	Fall Wheat				Spring Wheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	10,806	29.2	315,535	384,953	677	22.7	15,368	18,563
Elgin	13,989	27.0	377,703	462,686	62	23.2	1,438	1,757
Essex	21,540	26.3	566,502	681,502	261	22.9	5,977	7,137
Haldimand	10,632	27.2	289,190	355,415	921	22.7	20,907	25,486
Kent	44,346	26.8	1,188,738	1,484,501	1,255	23.8	29,869	36,530
Lambton	48,283	28.2	1,362,752	1,694,361	563	21.5	12,105	14,804
Lincoln	7,655	25.0	191,375	235,802	114	21.2	2,417	2,958
Middlesex	32,602	28.0	912,856	1,098,166	1,295	22.8	29,526	35,756
Norfolk	12,285	27.9	342,752	416,101	375	21.9	8,213	9,979
Oxford	18,918	30.7	580,783	712,040	228	23.2	5,290	6,464
Welland	9,109	24.5	223,171	273,384	63	20.9	1,317	1,609
Wentworth	10,063	30.6	307,928	378,751	148	22.3	3,307	4,051
Southern Ontario	**240,228**	**27.7**	**6,659,285**	**8,182,662**	**5,962**	**22.8**	**135,734**	**165,094**
Bruce	25,190	33.7	848,903	1,039,719	446	23.0	10,347	12,520
Dufferin	2,640	29.2	77,088	93,816	945	24.6	23,247	28,175
Grey	26,116	29.3	765,199	930,482	1,486	23.4	34,772	42,074
Halton	12,208	31.4	383,331	468,430	328	22.1	7,249	8,786
Huron	33,823	30.9	1,043,984	1,283,660	712	23.6	16,803	20,348
Peel	11,129	32.0	356,128	438,037	802	22.1	17,724	21,357
Perth	21,147	32.5	687,278	853,599	956	23.5	22,466	62,648
Simcoe	40,864	29.8	1,217,747	1,499,305	2,275	22.7	51,690	27,251
Waterloo	18,006	32.0	576,192	715,630	418	23.6	9,865	11,947
Wellington	11,101	33.4	370,773	457,534	1,535	24.2	37,147	44,948
Western Ontario	**202,224**	**31.3**	**6,326,623**	**7,780,212**	**9,903**	**23.4**	**231,310**	**280,054**
Durham	13,227	31.6	417,973	520,376	646	19.0	12,274	15,048
Haliburton	4	26.3	105	131	36	18.4	662	810
Hastings	5,224	27.7	144,705	180,158	668	19.2	12,826	15,661
Muskoka	63	25.2	1,588	1,988	47	19.5	917	1,130
Northumberland	14,376	31.5	452,844	548,394	576	17.4	10,022	12,077
Ontario	14,159	31.6	447,424	550,332	1,294	20.0	25,880	31,444
Parry Sound	46	25.0	1,150	1,442	203	20.7	4,202	5,156
Peterborough	10,212	28.9	295,127	367,433	287	21.6	6,199	7,544
Prince Edward	3,239	28.3	91,664	114,072	312	20.8	6,490	7,892
Victoria	10,176	31.0	315,456	390,535	301	21.4	6,441	7,806
York	28,871	35.0	1,010,485	1,242,792	1,006	21.5	21,607	26,209
Central Ontario	**99,597**	**31.9**	**3,178,521**	**3,917,653**	**5,376**	**20.0**	**107,520**	**130,777**
Carleton	251	30.0	7,530	9,239	1,692	22.4	37,901	45,671
Dundas	163	25.1	4,091	5,028	528	21.7	11,458	13,818
Frontenac	112	30.0	3,360	4,170	384	23.6	9,062	10,956
Glengarry	72	28.8	2,074	2,561	582	21.3	12,397	14,914
Grenville	30	28.6	858	1,059	168	23.0	3,864	4,683
Lanark	201	26.4	5,306	6,654	1,475	22.3	32,893	40,162
Leeds	112	27.3	3,058	3,752	342	23.4	8,003	9,644
Lennox & Addington	722	31.2	22,526	27,824	1,132	22.3	25,262	30,618
Prescott	36	26.0	936	1,164	489	21.7	10,611	12,807
Renfrew	301	26.9	8,097	10,040	3,520	22.3	78,496	96,285
Russell	36	24.3	875	1,077	285	21.9	6,242	7,490
Stormont	70	28.4	1,988	2,473	310	22.7	7,037	8,473
Eastern Ontario	**2,106**	**28.8**	**60,699**	**75,041**	**10,907**	**22.3**	**243,226**	**295,521**
Algoma	367	24.4	8,955	11,221	962	19.1	18,374	22,692
Cochrane	83	23.6	1,959	2,490	184	21.0	3,864	4,822
Kenora	13	23.3	303	382	61	22.5	1,373	1,697
Manitoulin	915	27.5	25,163	31,554	1,312	20.2	26,502	32,862
Nipissing	64	23.4	1,498	1,890	148	19.3	2,856	3,547
Rainy River	236	21.5	5,074	6,419	903	20.9	18,894	23,466
Sudbury	102	20.0	2,040	2,597	342	20.1	6,874	8,565
Thunder Bay	65	22.3	1,450	1,834	918	20.4	18,727	23,240
Timiskaming	100	24.3	2,430	3,045	1,022	20.3	20,746	25,663
Northern Ontario	**1,945**	**25.1**	**48,872**	**61,432**	**5,852**	**20.2**	**118,210**	**146,554**
The Province, 1946	**546,100**	**29.8**	**16,274,000**	**20,017,000**	**38,000**	**22.0**	**836,000**	**1,018,000**

OATS AND BARLEY

Showing by County Municipalities of Ontario the area, production and market value of Oats and Barley for the year 1946.

Counties and Districts	Oats				Barley			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	26,466	50.2	1,328,593	678,911	3,258	39.0	127,062	88,943
Elgin	24,812	49.0	1,215,788	627,347	2,659	43.3	115,135	77,486
Essex	49,578	44.1	2,186,390	1,115,991	4,857	34.2	166,109	116,775
Haldimand	29,446	48.0	1,413,408	702,464	3,487	39.5	137,737	92,972
Kent	59,753	49.0	2,927,897	1,521,290	8,222	34.5	283,659	199,412
Lambton	61,793	49.5	3,058,754	1,605,846	10,409	39.8	413,939	291,413
Lincoln	19,809	49.1	972,622	515,490	782	37.1	29,012	20,163
Middlesex	55,767	47.8	2,665,663	1,380,984	11,548	41.5	479,242	348,824
Norfolk	28,114	45.6	1,282,130	641,065	1,481	37.2	55,093	37,959
Oxford	40,819	51.7	2,110,342	1,103,709	6,037	41.3	249,328	181,538
Welland	21,518	40.0	860,720	445,853	1,149	32.5	37,343	26,924
Wentworth	24,360	49.9	1,215,564	638,171	2,148	41.0	88,068	63,673
Southern Ontario	**442,235**	**48.0**	**21,237,871**	**10,977,121**	**56,037**	**38.9**	**2,181,727**	**1,546,082**
Bruce	55,064	49.8	2,742,187	1,464,328	12,575	42.1	529,408	382,703
Dufferin	27,457	50.3	1,381,087	738,882	5,911	40.3	238,213	167,940
Grey	84,295	42.9	3,616,256	1,917,464	21,138	35.1	741,944	531,587
Halton	19,210	43.1	827,951	435,502	3,248	35.9	116,603	84,654
Huron	51,212	48.0	2,458,176	1,302,833	20,046	41.3	827,900	582,842
Peel	19,581	48.3	945,762	497,471	5,905	33.8	199,589	143,904
Perth	59,678	52.0	3,103,256	1,625,416	20,867	43.5	907,715	630,862
Simcoe	68,966	45.2	3,117,761	1,658,002	16,190	37.8	611,982	441,851
Waterloo	31,734	48.2	1,529,579	818,325	5,271	41.0	216,111	155,168
Wellington	48,391	47.0	2,274,377	1,246,359	9,319	40.1	373,692	263,827
Western Ontario	**465,588**	**47.2**	**21,996,392**	**11,704,582**	**120,470**	**39.5**	**4,763,157**	**3,385,338**
Durham	33,322	45.2	1,506,154	837,422	4,044	37.0	149,628	118,480
Haliburton	5,236	40.2	210,487	120,609	227	32.1	7,287	5,400
Hastings	57,991	40.4	2,342,836	1,327,759	4,283	31.7	135,771	99,927
Muskoka	7,406	33.0	244,398	143,706	332	29.6	9,827	7,223
Northumberland	37,276	41.0	1,528,316	855,857	2,777	35.3	98,028	68,816
Ontario	31,222	46.1	1,439,334	810,345	9,814	36.7	360,174	254,283
Parry Sound	15,364	35.0	537,740	316,729	1,067	30.6	32,650	24,585
Peterborough	26,592	41.4	1,100,909	616,509	2,883	35.2	101,482	71,342
Prince Edward	17,492	42.6	745,159	434,428	2,318	34.6	80,203	57,826
Victoria	23,772	40.7	967,520	562,129	5,988	34.0	203,592	147,197
York	42,843	52.1	2,232,120	1,136,149	13,281	40.3	535,224	380,521
Central Ontario	**298,516**	**43.1**	**12,854,973**	**7,161,642**	**47,014**	**36.5**	**1,713,866**	**1,235,600**
Carleton	44,952	39.2	1,762,118	995,597	8,430	32.3	272,289	202,853
Dundas	10,650	32.0	340,80	200,050	4,092	26.1	106,801	81,916
Frontenac	15,490	36.9	571,581	324,086	1,287	36.2	46,589	34,383
Glengarry	24,606	36.4	895,658	412,525	6,002	26.2	157,252	118,096
Grenville	15,661	28.3	443,206	267,253	1,576	24.3	38,297	28,953
Lanark	22,819	39.4	899,069	534,946	3,041	34.2	104,002	73,113
Leeds	30,816	40.5	1,248,048	753,821	2,024	35.0	70,840	51,076
Lennox & Addington	33,728	40.5	1,365,984	741,729	2,964	37.2	110,261	79,829
Prescott	46,167	35.3	1,629,695	927,296	5,621	28.3	159,074	116,919
Renfrew	48,077	40.7	1,956,734	1,110,425	7,008	32.1	224,957	169,818
Russell	28,926	26.2	757,861	429,707	3,917	24.5	95,967	73,415
Stormont	19,459	33.0	642,147	375,656	3,856	28.6	110,282	84,145
Eastern Ontario	**341,351**	**36.7**	**12,512,901**	**7,073,091**	**49,818**	**30.0**	**1,496,611**	**1,114,518**
Algoma	12,361	38.3	473,426	280,742	1,978	31.8	62,900	51,830
Cochrane	11,716	29.4	344,450	202,881	1,998	24.7	49,351	41,208
Kenora	3,859	35.8	138,152	86,069	1,403	28.8	40,406	33,618
Manitoulin	6,375	36.4	232,050	142,015	961	33.3	32,001	26,401
Nipissing	13,812	34.1	470,989	280,238	1,603	29.2	46,808	36,651
Rainy River	6,103	41.6	253,885	135,828	4,735	32.9	155,782	115,409
Sudbury	11,442	32.3	369,577	211,768	2,038	25.3	51,561	38,929
Thunder Bay	4,692	43.3	203,164	118,648	1,331	31.9	42,459	32,396
Timiskaming	16,950	40.6	688,170	385,375	3,614	32.2	116,371	84,020
Northern Ontario	**87,310**	**36.4**	**3,173,863**	**1,843,564**	**19,661**	**30.4**	**597,639**	**460,462**
The Province, 1946	**1,635,000**	**43.9**	**71,776,000**	**38,760,000**	**293,000**	**36.7**	**10,753,000**	**7,742,000**

PEAS AND BEANS

Showing by County Municipalities of Ontario the area, production and market value of Peas and Beans for the year 1946.

Counties and Districts	Peas				Beans			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	160	19.9	3,184	8,883	223	16.8	3,746	11,126
Elgin	339	20.3	6,882	19,132	9,567	18.9	180,816	538,832
Essex	769	19.2	14,765	41,342	385	18.1	6,969	20,907
Haldimand	333	18.9	6,294	17,371	33	16.1	531	1,572
Kent	2,207	20.5	45,253	125,010	28,260	17.2	484,762	1,441,276
Lambton	747	19.9	14,865	41,622	3,627	14.4	52,228	156,162
Lincoln	118	21.0	2,478	6,963	50	16.1	805	2,423
Middlesex	214	20.6	4,408	12,342	10,971	16.2	177,730	529,635
Norfolk	169	19.0	3,211	9,055	112	16.1	1,803	5,319
Oxford	184	18.7	3,441	9,566	443	16.6	7,341	21,729
Welland	5	19.2	96	272	101	14.2	1,434	4,259
Wentworth	230	20.1	4,623	12,852	22	16.8	370	1,106
Southern Ontario	**5,475**	**20.0**	**109,500**	**304,410**	**53,794**	**17.0**	**918,535**	**2,734,346**
Bruce	6,053	23.5	142,246	392,599	132	19.4	2,561	7,529
Dufferin	771	23.7	18,273	50,616	4	18.7	75	222
Grey	729	23.2	16,913	46,511	148	19.6	2,897	8,401
Halton	201	23.6	4,744	13,093	20	18.1	36	76
Huron	640	23.8	15,232	42,193	18,951	18.0	341,876	1,008,534
Peel	230	22.7	5,221	14,311	46	18.9	869	2,520
Perth	334	24.1	8,049	22,135	768	19.7	14,671	43,367
Simcoe	901	23.7	21,353	59,148	153	19.7	3,010	8,910
Waterloo	234	24.2	5,662	15,627	159	18.6	2,957	8,812
Wellington	858	23.4	20,077	55,212	102	18.5	1,887	5,604
Western Ontario	**10,951**	**23.5**	**257,770**	**711,445**	**20,483**	**18.1**	**370,839**	**1,093,975**
Durham	501	20.4	10,216	29,218	485	15.8	7,663	22,682
Haliburton	5	17.1	86	250	3	13.1	39	113
Hastings	458	20.1	9,206	26,421	36	14.2	511	1,523
Muskoka	20	17.9	358	1,045	3	13.3	40	116
Northumberland	714	20.2	14,423	40,699	258	15.7	4,051	11,991
Ontario	281	21.3	5,985	17,237	42	15.6	655	1,952
Parry Sound	39	17.9	698	2,038	4	14.2	57	165
Peterborough	222	19.4	4,307	12,361	33	15.5	512	1,526
Prince Edward	128	19.1	2,445	6,944	91	14.3	1,303	3,832
Victoria	78	21.0	1,638	4,701	32	14.6	467	1,382
York	473	20.3	9,602	27,462	157	15.5	2,434	7,205
Central Ontario	**2,919**	**20.2**	**58,964**	**168,376**	**1,144**	**15.5**	**17,732**	**52,487**
Carleton	706	21.3	15,038	44,362	152	14.9	2,265	6,886
Dundas	35	19.5	683	2,029	68	13.7	932	2,815
Frontenac	63	20.1	1,266	3,747	42	14.6	613	1,870
Glengarry	273	20.3	5,542	16,515	173	14.9	2,631	7,972
Grenville	3	20.2	61	183	186	15.4	2,864	8,592
Lanark	479	20.1	9,628	28,499	79	15.3	1,209	3,687
Leeds	17	19.7	335	982	106	15.9	1,685	5,156
Lennox & Addington	153	19.9	3,045	8,985	39	15.4	601	1,809
Prescott	620	19.7	12,214	36,153	117	15.8	1,849	5,621
Renfrew	11,372	19.7	223,777	655,667	161	15.2	2,447	7,306
Russell	188	20.3	3,816	11,180	148	15.0	2,220	6,793
Stormont	70	19.7	1,379	4,068	34	15.3	520	1,596
Eastern Ontario	**13,979**	**19.8**	**276,284**	**812,370**	**1,305**	**15.2**	**19,836**	**60,103**
Algoma	271	17.4	4,715	13,438	25	14.3	358	1,039
Cochrane	100	16.7	1,670	4,793	5	14.1	71	208
Kenora	24	17.8	427	1,221	2	14.4	29	86
Manitoulin	74	17.6	1,302	3,698	4	14.9	60	175
Nipissing	166	17.6	2,926	8,339	12	14.3	172	502
Rainy River	15	17.2	224	647	1	14.4	14	42
Sudbury	159	17.4	2,767	7,870	12	14.6	175	513
Thunder Bay	48	17.1	821	2,323	1	14.2	14	41
Timiskaming	119	17.9	2,130	6,070	12	13.8	165	483
Northern Ontario	**976**	**17.4**	**16,982**	**48,399**	**74**	**14.3**	**1,058**	**3,089**
The Province, 1946	**34,300**	**21.0**	**720,000**	**2,045,000**	**76,800**	**17.3**	**1,328,000**	**3,944,000**

RYE AND BUCKWHEAT

Showing by County Municipalities of Ontario the area, production and market value of Rye and Buckwheat for the year 1946.

Counties and Districts	Rye				Buckwheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	3,294	22.0	72,468	136,240	1,854	24.5	45,423	35,884
Elgin	2,306	22.4	51,654	97,626	4,308	24.0	103,477	80,280
Essex	4,071	22.3	90,783	169,764	411	24.3	9,987	7,790
Haldimand	2,862	22.1	63,250	119,543	1,027	22.7	23,313	18,184
Kent	1,374	23.0	31,638	59,479	1,228	24.6	30,200	23,858
Lambton	851	24.6	20,935	39,148	1,034	24.3	25,126	19,850
Lincoln	166	21.8	3,619	6,731	185	24.9	4,607	3,732
Middlesex	797	22.5	17,933	33,176	2,539	24.1	61,306	49,045
Norfolk	13,910	22.4	311,584	575,642	2,374	24.2	57,451	44,237
Oxford	3,426	22.1	75,715	142,344	2,886	24.5	70,707	55,859
Welland	268	22.5	5,976	11,115	953	24.4	23,253	18,137
Wentworth	372	22.2	8,258	15,442	1,658	24.3	40,209	31,765
Southern Ontario	**33,697**	**22.4**	**753,813**	**1,406,250**	**20,457**	**24.2**	**495,059**	**388,621**
Bruce	296	22.5	6,660	11,988	1,979	23.2	45,913	35,352
Dufferin	1,464	21.7	31,769	56,867	1,456	22.3	32,469	24,676
Grey	241	22.5	5,423	9,761	1,893	23.7	44,864	34,994
Halton	268	22.6	6,057	10,842	401	21.4	8,572	6,429
Huron	265	23.0	6,095	10,849	3,623	23.4	84,770	64,495
Peel	501	21.7	10,872	19,135	811	23.0	18,653	14,363
Perth	312	22.5	7,020	12,425	2,986	22.4	66,886	50,665
Simcoe	3,066	22.3	69,116	122,692	6,195	23.2	143,583	113,623
Waterloo	416	22.4	9,318	16,493	851	23.0	19,573	15,078
Wellington	432	22.2	9,590	17,166	4,145	22.7	94,150	74,613
Western Ontario	**7,261**	**22.3**	**161,920**	**288,218**	**24,340**	**23.0**	**559,433**	**434,288**
Durham	4,034	19.3	77,856	139,512	3,728	23.7	88,354	65,382
Haliburton	339	19.0	6,441	11,851	142	23.0	3,266	2,384
Hastings	1,856	19.6	36,378	65,480	2,919	23.8	69,472	52,104
Muskoka	45	18.5	833	1,524	152	22.7	3,450	2,553
Northumberland	4,904	19.2	94,157	169,483	7,086	23.7	168,267	123,518
Ontario	2,119	19.4	41,109	73,996	6,722	23.7	159,311	117,462
Parry Sound	68	18.5	1,258	2,264	145	22.6	3,275	2,456
Peterborough	1,119	18.7	20,925	37,456	1,392	23.8	33,130	25,510
Prince Edward	2,312	19.3	44,622	80,766	2,946	23.1	68,053	51,720
Victoria	858	18.7	16,045	29,202	5,084	23.7	120,491	87,958
York	1,079	19.5	21,077	37,728	4,029	23.2	93,473	69,170
Central Ontario	**18,733**	**19.3**	**360,701**	**649,262**	**34,345**	**23.6**	**810,542**	**600,217**
Carleton	196	19.5	3,822	6,803	3,412	22.5	76,770	59,113
Dundas	238	19.1	4,546	8,137	1,551	22.7	35,208	26,406
Frontenac	289	18.2	5,260	9,258	497	22.6	11,232	8,649
Glengarry	103	19.4	1,998	3,497	2,012	22.4	45,069	33,802
Grenville	118	19.3	2,277	4,053	4,526	21.3	96,404	74,231
Lanark	201	19.1	3,839	6,795	7,610	22.4	170,164	127,598
Leeds	89	18.9	1,682	3,011	2,513	23.7	59,558	45,264
Lennox & Addington	703	19.2	13,498	23,756	2,528	22.9	57,891	42,839
Prescott	185	19.1	3,534	6,291	1,802	22.3	40,185	29,335
Renfrew	2,312	19.2	44,555	78,059	5,277	22.5	118,698	89,024
Russell	204	19.8	4,039	7,068	1,572	22.1	34,741	26,403
Stormont	146	19.2	2,803	4,933	1,821	22.4	40,790	29,729
Eastern Ontario	**4,784**	**19.2**	**91,853**	**161,661**	**35,121**	**22.4**	**786,710**	**592,393**
Algoma	58	18.7	1,086	1,878	162	22.9	3,710	2,820
Cochrane	49	18.3	897	1,562	14	21.7	304	237
Kenora	10	18.4	184	320	12	22.3	268	214
Manitoulin	45	19.7	887	1,517	316	22.4	7,073	5,305
Nipissing	73	17.8	1,299	2,210	328	22.5	7,380	5,461
Rainy River	48	18.4	883	1,528	127	23.1	2,934	2,230
Sudbury	164	18.5	3,034	5,148	482	22.6	10,893	8,170
Thunder Bay	73	18.4	1,343	2,274	94	22.9	2,153	1,593
Timiskaming	5	20.0	100	172	202	22.5	4,541	3,451
Northern Ontario	**525**	**18.5**	**9,713**	**16,609**	**1,737**	**22.6**	**39,256**	**29,481**
The Province, 1946	**65,000**	**21.2**	**1,378,000**	**2,522,000**	**116,000**	**23.2**	**2,691,000**	**2,045,000**

FLAX AND MIXED GRAINS

Showing by County Municipalities of Ontario the area, production and market value of Flax and Mixed Grains for the year 1946.

Counties and Districts	Flax				Mixed Grains			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	....	....	....	....	13,995	48.0	671,760	412,461
Elgin	....	....	....	....	9,751	47.5	463,173	285,315
Essex	24	9.5	204	618	1,367	40.8	55,774	34,189
Haldimand	36	9.4	338	1,017	7,084	46.1	326,572	196,923
Kent	22	9.7	213	643	9,793	48.8	477,898	297,253
Lambton	....	....	....	....	10,944	44.1	482,630	300,678
Lincoln	....	....	....	....	1,602	43.0	68,886	42,985
Middlesex	23	9.3	214	648	28,211	47.6	1,342,844	833,906
Norfolk	31	9.1	282	852	4,579	43.2	197,813	119,281
Oxford	76	9.2	699	2,111	56,292	50.7	2,854,004	1,762,336
Welland	....	....	....	....	1,227	39.5	48,467	29,807
Wentworth	....	....	....	....	16,367	48.8	798,710	497,596
Southern Ontario	**212**	**9.2**	**1.950**	**5.889**	**161.212**	**48.3**	**7.788.531**	**4,812,730**
Bruce	2,495	9.9	24,701	74,844	50,169	50.7	2,543,568	1,622,971
Dufferin	....	....	....	....	32,207	46.7	150,407	96,411
Grey	133	10.3	1,370	4,165	63,987	43.2	2,764,238	1,759,112
Halton	6	9.6	58	175	14,106	42.4	598,094	379,790
Huron	701	10.1	7,080	21,424	61,662	50.1	3,089,266	1,967,862
Peel	....	....	....	....	24,596	45.0	1,106,820	702,831
Perth	463	10.2	4,723	14,311	91,130	51.9	4,729,647	3,010,966
Simcoe	3	10.1	30	91	41,691	48.4	2,017,844	1,301,509
Waterloo	151	10.1	1,525	4,636	42,016	47.9	2,012,566	1,294,080
Wellington	2,481	9.9	24,611	74,571	83,218	47.3	3,938,255	2,541,113
Western Ontario	**6,433**	**10.0**	**64.098**	**194.217**	**504.782**	**45.5**	**22.950.705**	**14,676,645**
Durham	12	9.4	113	347	25,050	43.3	1,084,665	702,863
Haliburton	....	....	....	....	238	39.8	9,472	6,375
Hastings	....	....	....	....	9,314	40.0	372,560	252,968
Muskoka	12	8.7	104	320	501	34.3	17,184	11,307
Northumberland	37	9.9	368	1,122	17,108	41.6	711,693	464,736
Ontario	26	9.9	257	784	43,101	45.2	1,948,165	1,215,655
Parry Sound	22	8.7	191	587	1,381	37.5	51,788	35,060
Peterborough	....	....	....	....	6,429	42.4	272,590	185,906
Prince Edward	23	9.7	223	678	4,792	42.8	205,098	140,082
Victoria	38	9.8	372	1,127	23,225	39.9	926,678	640,334
York	16	9.9	158	482	39,114	50.4	1,971,346	1,267,575
Central Ontario	**186**	**9.6**	**1,786**	**5.447**	**170,253**	**44.5**	**7,571,239**	**4,922,861**
Carleton	686	9.3	6,380	19,459	15,213	37.5	570,488	385,079
Dundas	33	9.1	300	921	19,506	33.6	655,402	444,363
Frontenac	....	....	....	....	3,156	38.7	122,137	80,977
Glengarry	618	9.2	5,666	17,163	2,581	31.0	80,011	53,927
Grenville	36	9.5	342	1,053	5,314	28.0	148,792	101,179
Lanark	71	9.4	667	2,068	11,609	40.6	471,325	326,157
Leeds	....	....	....	....	5,165	39.2	202,468	133,831
Lennox & Addington	....	....	....	....	11,208	42.3	474,098	295,363
Prescott	883	9.2	8,124	24,778	2,642	30.0	79,260	50,013
Renfrew	30	9.1	273	830	5,490	42.6	233,874	150,848
Russell	794	9.1	7,236	22,142	5,003	24.8	124,074	81,641
Stormont	72	9.2	664	2,025	8,083	33.6	271,589	180,878
Eastern Ontario	**3,223**	**9.2**	**29.652**	**90.439**	**94.970**	**36.2**	**3.433.518**	**2,284,256**
Algoma	3	7.8	23	70	2,881	33.2	95,649	65,520
Cochrane	10	8.1	81	246	1,042	28.4	29,593	20,715
Kenora	150	8.2	1,230	3,727	794	35.0	27,790	20,037
Manitoulin	3	8.0	24	72	2,484	39.5	98,118	71,822
Nipissing	36	8.1	292	888	916	34.1	31,236	21,709
Rainy River	7,094	9.1	64,560	194,972	498	39.8	19,820	13,339
Sudbury	567	8.2	4,649	14,040	1,056	28.0	29,568	19,574
Thunder Bay	63	7.8	491	1,493	712	41.9	29,833	19,779
Timiskaming	20	8.2	164	500	4,400	41.0	180,400	114,013
Northern Ontario	**7,946**	**9.0**	**71,514**	**216,008**	**14,783**	**36.7**	**542,007**	**366,508**
The Province, 1946	**18.000**	**9.4**	**169,000**	**512,000**	**946.000**	**44.7**	**42,286,000**	**27,063,000**

CORN

Showing by County Municipalities of Ontario the area, production and market value of Corn for husking and for fodder for the year 1946.

Counties and Districts	Corn for Husking				Corn for Fodder			
	Acres	Per acre	Bushels (shelled)	Market value	Acres	Per acre	Tons (green)	Market value
				$				$
Brant	1,856	60.0	111,360	119,155	6,662	8.12	54,095	194,742
Elgin	15,669	40.6	636,161	667,969	20,134	9.03	181,810	675,788
Essex	75,309	37.2	2,801,495	2,969,584	2,851	9.00	25,659	89,807
Haldimand	1,548	50.0	77,050	83,214	2,694	10.45	28,152	104,725
Kent	90,365	43.4	3,921,841	4,157,151	14,821	8.60	127,461	471,979
Lambton	26,504	52.0	1,378,017	1,460,796	19,894	8.30	165,120	619,200
Lincoln	1,115	55.0	61,325	64,391	3,638	8.62	31,360	109,760
Middlesex	9,184	54.0	495,936	530,651	29,620	8.62	255,243	943,504
Norfolk	5,497	53.0	291,341	308,821	6,654	8.14	54,164	202,068
Oxford	2,753	55.0	151,415	163,528	23,579	9.37	220,935	786,529
Welland	1,987	55.0	109,285	114,749	2,953	8.90	26,282	94,615
Wentworth	617	50.0	30,850	32,084	3,798	10.00	37,980	132,930
Southern Ontario	**232,404**	**43.3**	**10,066,076**	**10,672,093**	**137,298**	**8.80**	**1,208,261**	**4,425,647**
Bruce	334	49.5	16,533	17,524	3,981	9.36	37,262	135,261
Dufferin	136	48.2	6,555	6,751	776	10.20	7,915	26,911
Grey	165	47.3	7,805	8,117	10,258	9.65	98,990	346,465
Halton	758	46.0	34,863	36,954	4,439	9.82	43,591	159,107
Huron	341	46.0	15,686	16,470	8,035	10.13	81,395	284,883
Peel	30	43.5	1,305	1,331	3,052	9.56	29,177	106,788
Perth	131	46.7	6,118	6,301	16,937	10.64	180,210	675,788
Simcoe	762	49.0	39,016	40,130	6,324	8.02	50,718	190,193
Waterloo	293	49.0	14,357	14,644	9,613	10.21	98,149	353,336
Wellington	68	48.3	3,284	3,481	6,886	9.65	66,450	242,543
Western Ontario	**3,018**	**48.2**	**145,522**	**151,703**	**70,301**	**9.87**	**693,857**	**2,521,275**
Durham	65	46.2	3,003	3,213	6,851	7.82	53,575	200,906
Haliburton	42	40.1	1,684	1,835	369	6.53	2,410	9,399
Hastings	551	45.3	24,960	26,956	6,442	8.20	52,824	200,731
Muskoka	28	40.4	1,131	1,232	431	7.63	3,289	12,992
Northumberland	641	45.2	28,992	31,353	8,186	10.00	81,860	319,254
Ontario	246	43.6	10,725	11,757	9,877	8.69	85,831	321,866
Parry Sound	52	40.1	2,085	2,293	546	6.73	3,675	13,781
Peterborough	71	43.3	3,074	3,289	4,004	8.23	32,953	128,517
Prince Edward	608	44.2	26,873	28,738	2,865	7.22	20,685	77,569
Victoria	22	43.2	950	1,045	3,780	7.61	28,766	100,681
York	100	44.8	4,480	4,883	7,314	9.26	67,728	237,048
Central Ontario	**2,426**	**44.5**	**107,957**	**116,594**	**50,665**	**8.56**	**433,596**	**1,622,744**
Carleton	103	35.2	3,625	3,806	12,247	10.23	125,287	407,182
Dundas	155	32.4	5,022	5,176	14,668	9.34	136,999	449,357
Frontenac	251	33.8	8,484	8,823	3,786	4.24	16,053	52,172
Glengarry	72	32.9	2,369	2,511	4,143	8.13	33,683	117,891
Grenville	63	35.3	2,224	2,357	5,843	9.00	52,587	178,796
Lanark	195	35.3	6,884	7,021	6,475	8.00	51,800	176,120
Leeds	356	34.2	12,170	12,718	11,558	6.77	78,248	273,868
Lennox & Addington	184	32.1	5,906	6,083	2,782	7.83	21,783	72,973
Prescott	256	32.9	8,422	8,758	4,101	10.24	41,994	142,780
Renfrew	165	32.6	5,379	5,647	3,055	10.12	30,917	111,301
Russell	109	33.6	3,662	3,845	6,812	10.22	69,619	236,705
Stormont	48	33.5	1,608	1,640	5,265	8.94	47,069	164,742
Eastern Ontario	**1,957**	**33.6**	**65,755**	**68,385**	**80,735**	**8.75**	**706,039**	**2,383,887**
Algoma	15	36.4	546	584	217	7.62	1,654	5,127
Cochrane	18	33.1	596	650	26	8.43	219	690
Kenora	6	32.8	197	216	19	7.29	139	438
Manitoulin	24	33.4	802	866	349	8.66	3,022	9,822
Nipissing	22	32.6	717	760	188	8.23	1,547	5,028
Rainy River	59	35.1	2,071	2,249	36	7.65	275	866
Sudbury	29	34.8	1,009	1,089	110	8.22	904	2,893
Thunder Bay	12	33.5	402	430	29	8.91	258	839
Timiskaming	10	35.0	350	381	27	8.48	229	744
Northern Ontario	**195**	**34.2**	**6,690**	**7,225**	**1,001**	**8.24**	**8,247**	**26,447**
The Province, 1946	**240,000**	**43.3**	**10,392,000**	**11,016,000**	**340,000**	**8.97**	**3,050,000**	**10,980,000**

POTATOES AND TURNIPS

Showing by County Municipalities of Ontario the area, production and market value of Potatoes and Turnips for the year 1946.

Counties and Districts	Potatoes				Turnips			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	1,812	141.3	255,945	274,885	726	425	308,125	102,298
Elgin	2,004	145.0	290,580	329,518	41	407	16,687	5,540
Essex	5,236	198.2	1,037,710	1,245,224	56	428	23,968	7,957
Haldimand	619	112.5	69,638	80,641	18	403	7,254	2,408
Kent	2,825	176.2	497,906	644,126	26	425	11,050	3,669
Lambton	1,593	132.5	211,073	252,022	46	428	19,688	6,536
Lincoln	488	142.5	69,540	80,527	7	413	2,891	960
Middlesex	4,289	161.2	691,600	796,723	1,018	422	429,596	142,626
Norfolk	2,205	161.3	355,557	452,268	125	421	52,625	17,472
Oxford	1,411	162.5	229,280	275,146	3,326	423	1,408,347	467,571
Welland	925	152.5	141,063	175,201	38	416	15,808	5,248
Wentworth	4,310	168.5	726,235	867,125	835	415	346,525	115,046
Southern Ontario	**27,717**	**165.1**	**4,576,127**	**5,473,406**	**6,262**	**422**	**2,642,564**	**877,331**
Bruce	2,496	116.3	290,160	336,005	2,995	411	1,230,541	406,079
Dufferin	3,528	211.3	745,290	628,657	762	401	305,562	100,835
Grey	3,810	158.8	604,838	573,387	1,707	399	681,093	224,760
Halton	1,168	151.3	176,660	182,313	402	398	159,996	52,798
Huron	2,016	123.8	249,480	276,923	4,035	411	1,658,385	547,267
Peel	2,314	140.0	323,960	334,327	260	398	103,480	34,148
Perth	1,738	143.8	249,838	262,330	2,551	408	1,040,808	343,467
Simcoe	8,530	190.4	1,624,200	1,486,080	2,772	410	1,136,520	375,052
Waterloo	2,827	156.2	441,718	447,902	3,199	409	1,308,391	431,769
Wellington	4,246	156.3	663,438	589,133	3,261	410	1,338,488	441,108
Western Ontario	**32,673**	**164.3**	**5,369,582**	**5,117,057**	**21,944**	**408**	**8,963,264**	**2,957,283**
Durham	2,322	187.5	435,375	449,307	758	398	301,684	93,522
Haliburton	339	128.8	43,647	50,281	42	375	15,750	4,883
Hastings	3,138	135.0	423,630	569,192	314	387	121,518	37,671
Muskoka	581	120.0	69,720	85,337	188	370	69,560	21,563
Northumberland	3,494	116.3	406,178	436,236	1,157	382	441,974	137,012
Ontario	3,583	156.2	559,843	554,245	2,903	386	1,120,195	347,260
Parry Sound	952	128.8	122,570	155,909	322	370	119,140	36,933
Peterborough	2,274	102.5	233,085	268,514	626	386	241,636	74,907
Prince Edward	1,185	112.5	133,313	175,174	26	380	9,880	3,063
Victoria	1,176	96.3	113,190	116,812	922	375	345,750	107,183
York	3,904	182.9	714,138	708,514	2,643	393	1,038,699	321,997
Central Ontario	**22,948**	**141.8**	**3,254,689**	**3,569,521**	**9,901**	**386**	**3,825,786**	**1,185,994**
Carleton	4,318	103.8	447,993	497,273	447	351	156,809	58,019
Dundas	894	111.3	99,458	128,302	22	352	7,744	2,865
Frontenac	1,712	125.0	214,000	255,516	66	350	23,100	8,547
Glengarry	1,165	101.3	117,957	147,840	70	353	24,710	9,143
Grenville	1,341	112.5	150,863	185,562	86	351	30,186	11,169
Lanark	1,428	111.3	158,865	190,217	162	354	57,348	21,219
Leeds	1,787	107.5	192,103	233,982	239	352	84,128	31,127
Lennox & Addington	2,497	121.3	302,762	372,397	36	354	12,744	4,715
Prescott	2,045	126.3	258,182	302,073	64	356	22,784	8,430
Renfrew	3,701	139.2	515,361	583,058	81	354	28,674	10,609
Russell	3,340	129.0	430,850	541,681	251	352	88,352	32,690
Stormont	1,052	118.8	124,925	161,153	33	351	11,583	4,287
Eastern Ontario	**25,280**	**119.2**	**3,013,319**	**3,599,054**	**1,557**	**352**	**548,162**	**202,820**
Algoma	876	165.0	144,540	172,581	285	391	111,450	45,695
Cochrane	1,964	172.5	338,800	490,804	203	376	76,328	31,294
Kenora	486	132.5	64,395	94,661	26	365	9,490	3,891
Manitoulin	387	163.8	63,372	77,947	73	394	28,762	11,792
Nipissing	1,512	157.5	238,140	302,914	297	388	115,236	47,247
Rainy River	501	133.9	67,073	77,671	122	390	47,580	19,508
Sudbury	2,493	172.7	430,043	468,437	242	373	90,266	37,009
Thunder Bay	2,178	137.5	299,475	368,354	206	389	80,134	32,855
Timiskaming	985	142.5	140,365	167,593	182	379	68,978	28,281
Northern Ontario	**11,382**	**156.9**	**1,786,283**	**2,220,962**	**1,636**	**384**	**628,224**	**257,572**
The Province, 1946	**120,000**	**150.0**	**18,000,000**	**19,980,000**	**41,300**	**402**	**16,608,000**	**5,481,000**

ALSIKE AND SWEET CLOVER

Showing by County Municipalities of Ontario the area, production and market value of Alsike and Sweet Clover for the year 1946.

Counties and Districts	Alsike				Sweet Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Brant	285	1.33	379	3,256	2,104	2.00	4,208	37,535
Elgin	852	1.31	1,116	9,676	4,661	2.19	10,208	90,443
Essex	695	1.36	945	8,467	7,300	2.00	14,600	128,918
Haldimand	1,542	1.38	2,128	19,246	2,312	2.00	4,624	40,922
Kent	1,310	1.42	1,860	16,698	5,972	2.24	13,377	119,710
Lambton	731	1.37	1,003	8,796	5,913	2.00	11,826	105,633
Lincoln	826	1.34	1,107	9,874	908	2.00	1,816	16,126
Middlesex	1,151	1.42	1,630	14,458	4,633	1.98	9,173	80,814
Norfolk	600	1.39	834	7,431	3,005	2.03	6,709	59,643
Oxford	415	1.45	602	5,322	3,337	2.11	7,041	61,609
Welland	685	1.33	911	8,148	1,493	1.83	2,732	24,206
Wentworth	407	1.46	594	5,298	2,212	2.09	4,623	41,052
Southern Ontario	**9,499**	**1.38**	**13,109**	**116,670**	**43,850**	**2.07**	**90,937**	**806,611**
Bruce	2,697	1.49	4,032	35,320	11,437	2.06	23,560	205,914
Dufferin	748	1.51	1,129	9,901	4,468	2.02	9,025	78,969
Grey	1,879	1.49	2,800	24,248	7,488	1.91	14,302	124,141
Halton	412	1.46	602	5,400	896	2.11	1,891	16,565
Huron	1,581	1.51	2,387	20,051	7,745	2.03	15,748	137,480
Peel	1,602	1.50	2,403	21,218	2,347	2.00	4,694	40,932
Perth	759	1.58	1,199	10,719	4,663	2.14	9,979	87,316
Simcoe	3,630	1.47	5,345	45,486	8,294	2.10	17,417	151,702
Waterloo	285	1.65	470	4,117	2,654	2.25	5,972	52,136
Wellington	778	1.53	1,190	10,655	6,325	2.12	13,409	117,172
Western Ontario	**14,371**	**1.50**	**21,557**	**187,115**	**56,317**	**2.06**	**115,997**	**1,012,327**
Durham	656	1.52	997	9,810	1,017	2.00	2,034	17,146
Haliburton	128	1.31	168	1,720	359	1.93	693	5,870
Hastings	1,623	1.50	2,435	24,107	4,848	1.95	9,454	79,414
Muskoka	42	1.32	55	558	126	2.11	266	2,242
Northumberland	874	1.60	1,398	13,840	3,997	2.26	9,033	76,058
Ontario	926	1.62	1,500	14,640	2,355	2.03	4,781	40,495
Parry Sound	173	1.32	228	2,216	268	2.00	536	4,556
Peterborough	763	1.51	1,152	11,576	3,367	2.00	6,734	56,860
Prince Edward	675	1.55	1,046	10,491	3,542	2.12	7,509	63,150
Victoria	1,426	1.59	2,267	22,171	3,419	2.06	7,043	59,161
York	3,281	1.55	5,084	49,722	4,373	2.14	9,358	78,701
Central Ontario	**10,567**	**1.55**	**16,330**	**160,851**	**27,671**	**2.08**	**57,441**	**483,653**
Carleton	1,245	1.39	1,731	17,795	2,846	2.02	5,749	47,889
Dundas	866	1.27	1,100	10,395	1,924	1.98	3,810	32,042
Frontenac	775	1.36	1,054	10,076	1,209	1.99	2,406	20,090
Glengarry	994	1.34	1,332	12,385	1,755	2.10	3,686	30,723
Grenville	476	1.37	652	6,070	1,891	2.10	3,971	33,078
Lanark	1,430	1.41	2,016	19,676	2,772	2.00	5,544	46,126
Leeds	891	1.42	1,265	12,271	1,576	1.92	3,026	25,207
Lennox & Addington	734	1.40	1,028	9,190	3,569	2.03	7,245	60,278
Prescott	1,769	1.46	2,584	23,152	1,535	1.83	2,809	23,455
Renfrew	1,521	1.44	2,190	20,279	3,196	2.12	6,776	56,512
Russell	1,023	1.37	1,402	12,940	1,312	2.10	2,755	23,004
Stormont	798	1.36	1,085	10,763	1,304	2.14	2,791	23,333
Eastern Ontario	**12,522**	**1.39**	**17,439**	**164,992**	**24,889**	**2.03**	**50,568**	**421,737**
Algoma	135	1.41	190	1,706	396	1.89	748	7,256
Cochrane	285	1.16	331	3,300	303	1.22	370	3,585
Kenora	752	1.25	940	9,362	138	1.59	219	2,126
Manitoulin	396	1.50	585	5,259	1,601	2.10	3,362	32,690
Nipissing	600	1.30	780	6,989	392	1.62	635	6,121
Rainy River	1,144	1.37	1,567	14,118	309	1.74	538	5,165
Sudbury	754	1.36	1,025	10,219	1,025	1.46	1,497	14,416
Thunder Bay	719	1.29	928	9,289	489	1.36	665	6,451
Timiskaming	2,256	1.34	3,019	30,130	620	1.65	1,023	9,862
Northern Ontario	**7,041**	**1.33**	**9,365**	**90,372**	**5,273**	**1.72**	**9,057**	**87,672**
The Province, 1946	**54,000**	**1.44**	**77,800**	**720,000**	**158,000**	**2.05**	**324,000**	**2,812,000**

ALFALFA AND HAY AND CLOVER

Showing by County Municipalities of Ontario the area, production and market value of Alfalfa, Hay and Clover for the year 1946.

Counties and Districts	Alfalfa				Hay and Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Brant	7,502	2.63	19,730	229,855	21,816	1.92	41,887	464,946
Elgin	12,509	2.75	34,340	408,646	47,564	1.89	89,896	1,001,441
Essex	12,177	2.67	32,513	435,674	18,517	2.00	37,034	468,480
Haldimand	27,381	2.25	61,607	710,945	32,287	1.63	52,628	578,908
Kent	22,631	2.68	60,651	715,682	25,889	1.85	47,895	541,214
Lambton	32,794	2.25	73,787	855,929	48,553	1.69	82,055	910,811
Lincoln	16,044	2.26	36,259	449,612	23,667	1.71	40,471	465,417
Middlesex	26,921	2.24	60,303	699,515	82,468	1.68	138,546	1,510,151
Norfolk	10,195	2.32	23,652	314,446	29,412	1.67	49,118	633,622
Oxford	11,691	2.62	30,630	324,678	72,317	2.08	150,419	1,508,703
Welland	10,536	2.19	23,074	289,809	39,129	1.53	59,867	708,825
Wentworth	9,945	2.53	25,161	309,480	28,066	1.81	50,799	568,949
Southern Ontario	**200,326**	**2.40**	**481,707**	**5,744,271**	**469,685**	**1.79**	**840,615**	**9,361,467**
Bruce	28,994	2.40	69,586	807,198	122,638	1.78	218,296	2,270,278
Dufferin	7,470	2.27	16,957	185,340	64,489	1.73	111,566	1,155,824
Grey	47,519	1.89	89,811	983,430	140,711	1.56	219,814	2,319,038
Halton	14,891	2.06	30,675	345,094	37,152	1.78	66,131	710,908
Huron	16,294	1.93	31,447	364,470	96,675	1.80	174,015	1,844,559
Peel	21,755	1.78	38,724	453,071	30,872	1.56	48,160	496,048
Perth	10,119	2.14	21,655	242,536	83,955	1.89	158,675	1,586,750
Simcoe	26,382	1.96	51,709	589,483	103,429	1.73	178,932	1,968,252
Waterloo	6,374	2.56	16,317	184,708	44,216	2.19	96,833	992,538
Wellington	13,843	2.12	29,347	344,827	111,342	1.93	214,890	2,363,790
Western Ontario	**193.641**	**20.5**	**396,228**	**4,500,157**	**835,479**	**1.78**	**1,487,312**	**15,707,985**
Durham	10,807	2.25	24,316	265,044	47,973	1.94	93,068	958,600
Haliburton	224	2.06	461	5,463	10,886	1.63	17,744	198,733
Hastings	22,172	2.00	44,344	497,540	68,367	1.72	117,591	1,234,706
Muskoka	119	2.12	252	3,578	27,638	1.76	48,643	603,173
Northumberland	20,101	2.61	56,464	621,104	52,424	2.22	116,381	1,175,448
Ontario	16,300	2.23	36,349	445,275	58,785	1.98	116,394	1,309,433
Parry Sound	236	2.00	472	6,230	33,729	1.52	51,268	612,653
Peterborough	12,333	2.28	28,119	364,422	48,936	1.91	93,468	1,106,534
Prince Edward	11,401	2.22	25,310	283,472	29,037	1.83	53,138	547,321
Victoria	14,828	1.96	29,063	338,584	60,809	1.69	102,767	1,115,022
York	35,735	2.50	89,338	1,111,365	55,378	2.00	110,756	1,269,264
Central Ontario	**144,256**	**2.32**	**334.488**	**3.942.077**	**493,962**	**1.86**	**921.218**	**10,130,887**
Carleton	19,749	2.44	48,188	590,303	91,035	1.86	169,325	1,862,575
Dundas	8,352	2.27	18,959	210,065	53,410	1.70	90,797	894,350
Frontenac	15,527	2.36	36,644	440,401	66,884	1.88	125,742	1,295,143
Glengarry	13,437	2.18	29,293	383,738	57,456	1.53	87,908	969,625
Grenville	6,792	2.28	15,486	163,532	48,982	1.72	84,249	829,853
Lanark	20,118	2.21	44,461	595,777	58,926	1.71	100,763	1,209,156
Leeds	13,587	2.19	29,756	335,350	65,852	1.85	121,826	1,193,895
Lennox & Addington	23,446	2.56	60,022	679,449	56,665	1.94	109,930	1,082,811
Prescott	4,052	2.00	8,104	105,595	57,874	1.72	99,543	1,114,882
Renfrew	19,659	2.40	47,182	613,366	78,656	1.69	132,929	1,528,684
Russell	3,812	1.85	7,052	92,875	43,330	1.27	55,029	618,526
Stormont	5,738	2.28	13,083	141,951	47,476	1.79	84,445	861,339
Eastern Ontario	**154.269**	**2.32**	**358.230**	**4,352.402**	**726.546**	**1.74**	**1,262.486**	**13,460,839**
Algoma	702	1.98	1,390	18,974	30,922	1.38	42,672	469,392
Cochrane	265	1.56	413	5,989	13,365	1.12	14,969	183,370
Kenora	298	1.84	548	7,946	6,989	0.94	6,570	77,855
Manitoulin	3,892	2.03	7,901	92,205	21,357	1.50	32,036	326,767
Nipissing	549	1.68	922	13,092	32,555	1.45	47,205	598,087
Rainy River	7,357	1.88	13,831	186,442	19,384	1.26	24,424	298,461
Sudbury	212	1.75	371	5,936	30,153	1.18	35,581	449,388
Thunder Bay	1,391	1.62	2,253	37,175	30,677	1.20	36,812	491,440
Timiskaming	342	2.10	718	9,334	28,926	1.49	43,100	518,062
Northern Ontario	**15,008**	**1.89**	**28,347**	**377,093**	**214,328**	**1.32**	**283,369**	**3,412,822**
The Province, 1946	**707,500**	**2.26**	**1,599,000**	**18,916,000**	**2,740,000**	**1.75**	**4,795,000**	**52,074,000**

PASTURE AND SOY BEANS

Showing by County Municipalities the area in Cleared Pasture and Soy Beans in1946.

Counties and Districts	Cleared Pasture	Soy Beans			
		Acres	Per Acre	Bushels	Market Value
					$
Brant	31,448	552	18.0	9,936	22,058
Elgin	71,282	3,867	17.5	67,673	150,911
Essex	33,522	8,271	18.6	153,841	346,142
Haldimand	31,689	187	16.0	2,992	6,582
Kent	62,737	19,846	19.3	382,364	840,838
Lambton	116,385	5,974	16.8	100,363	223,809
Lincoln	18,437	800	18.9	15,120	32,962
Middlesex	166,555	6,680	18.0	120,240	262,123
Norfolk	34,973	3,954	18.2	71,963	158,319
Oxford	75,781	425	20.0	8,500	18,870
Welland	28,363	351	17.9	6,283	13,885
Wentworth	31,645	153	18.3	2,800	6,160
Southern Ontario	**702,817**	**51,060**	**18.5**	**942,075**	**2,082,659**
Bruce	139,213	427	16.4	7,003	15,267
Dufferin	60,684	23	17.1	393	849
Grey	154,426	14	17.5	245	534
Halton	33,225	175	15.3	2,678	5,892
Huron	165,780	2,647	16.5	43,676	96,524
Peel	48,952	168	16.1	2,705	5,924
Perth	95,873	274	16.6	4,548	10,097
Simcoe	101,206	457	16.9	7,723	16,913
Waterloo	34,920	126	17.4	2,192	4,822
Wellington	90,104	184	16.3	3,005	6,671
Western Ontario	**924,383**	**4,495**	**16.5**	**74,168**	**163,493**
Durham	81,326	75	16.4	1,230	2,804
Haliburton	14,304	11	15.7	173	398
Hastings	99,435	132	15.9	2,099	4,723
Muskoka	22,132	155	15.1	2,340	5,382
Northumberland	83,427	371	15.6	5,788	13,602
Ontario	81,335	295	15.4	4,532	10,197
Parry Sound	22,876	10	15.9	159	359
Peterborough	63,374	37	16.3	603	1,327
Prince Edward	43,726	19	16.2	308	693
Victoria	70,881	14	16.0	224	491
York	55,229	1,205	15.6	18,798	42,296
Central Ontario	**638,045**	**2,324**	**15.6**	**36,254**	**82,272**
Carleton	99,267	276	13.7	3,781	8,167
Dundas	48,892	151	14.2	2,144	4,631
Frontenac	77,715	20	15.7	314	685
Glengarry	47,874	19	14.8	281	604
Grenville	51,637	41	13.7	562	1,214
Lanark	113,765	32	14.6	467	1,004
Leeds	109,778	9	15.1	136	294
Lennox and Addington	72,924	33	14.4	475	1,026
Prescott	56,005	26	15.9	413	888
Renfrew	92,761	14	15.8	221	477
Russell	35,892	275	14.2	3,905	8,357
Stormont	43,831	11	16.4	180	382
Eastern Ontario	**850,341**	**907**	**14.2**	**12,879**	**27,729**
Algoma	13,639	15	15.1	227	481
Cochrane	5,170	2	15.7	31	65
Kenora	1,571	....	.....	....	....
Manitoulin	14,383	5	17.1	86	181
Nipissing	14,256	69	16.3	1,125	2,304
Rainy River	10,316	9	16.4	148	311
Sudbury	13,579	153	16.1	2,463	5,123
Thunder Bay	6,877	37	15.1	560	1,176
Timiskaming	13,623	124	16.0	1,984	4,206
Northern Ontario	**93,414**	**414**	**16.0**	**6,624**	**13,847**
The Province, 1946	**3,209,000**	**59,200**	**18.1**	**1,072,000**	**2,370,000**

MANGELS AND ALL FIELD CROPS

Showing by County Municipalities of Ontario the area, production and market value of Mangels and all Field Crops enumerated in Tables VII to XVII for the year 1946.

Counties and Districts	Mangels				All Field Crops		
	Acres	Per acre	Bushels	Market value	Acres	Value per acre	Total Value
				$		$ c.	$
Brant	133	449	59,717	16,432	104,181	30.41	3,168,513
Elgin	135	428	57,780	15,890	175,229	31.16	5,460,981
Essex	392	448	175,616	48,294	214,067	36.57	7,828,402
Haldimand	42	425	17,850	4,909	124,491	24.84	3,092,643
Kent	235	438	102,930	28,306	340,380	36.50	12,425,201
Lambton	385	437	168,245	46,267	280,638	29.64	8,319,375
Lincoln	93	434	40,362	11,100	78,067	26.04	2,033,008
Middlesex	936	447	418,392	115,058	310,867	29.68	9,226,565
Norfolk	132	436	57,552	15,827	125,209	31.58	3,954,292
Oxford	1,162	444	516,448	142,358	249,725	30.51	7,619,579
Welland	74	437	32,338	8,893	92,564	23.82	2,204,434
Wentworth	858	438	375,804	103,346	106,569	35.22	3,753,310
Southern Ontario	**4,577**	**442**	**2,023,034**	**556,680**	**2,201,987**	**31.37**	**69,086,303**
Bruce	609	433	263,697	69,880	331,007	27.64	9,150,290
Dufferin	245	419	102,655	27,204	155,500	22.23	3,457,190
Grey	1,101	421	463,521	122,833	414,818	23.72	9,838,919
Halton	218	417	90,906	24,090	110,507	25.88	2,860,262
Huron	2,459	434	1,067,024	283,539	333,463	29.79	9,933,985
Peel	212	415	87,980	23,315	126,213	26.03	3,285,489
Perth	1,454	428	622,312	164,913	321,222	29.61	9,510,108
Simcoe	913	429	391,677	103,794	341,797	29.09	9,942,348
Waterloo	1,457	427	622,139	164,867	170,300	32.69	5,567,115
Wellington	1,555	428	665,540	176,368	310,070	28.97	8,982,133
Western Ontario	**10,223**	**428**	**4,377,451**	**1,160,803**	**2,614,897**	**27.74**	**72,527,839**
Durham	436	406	176,888	47,760	156,009	28.17	4,394,265
Haliburton	6	382	2,292	619	18,636	22.91	426,950
Hastings	143	387	55,341	14,942	190,479	24.54	4,673,695
Muskoka	36	376	13,536	3,655	37,925	24.00	910,011
Northumberland	335	398	133,330	35,999	176,692	28.63	5,058,994
Ontario	1,254	395	495,330	133,739	205,304	29.97	6,153,925
Parry Sound	31	376	11,656	3,147	54,658	22.45	1,227,313
Peterborough	257	398	102,286	27,617	121,837	27.05	3,295,499
Prince Edward	45	390	17,550	4,739	83,056	24.91	2,068,840
Victoria	315	387	121,905	32,914	156,263	23.61	3,689,991
York	1,527	394	601,961	162,529	246,329	32.25	7,944,703
Central Ontario	**4,385**	**395**	**1,732,075**	**467,660**	**1,447,188**	**27.53**	**39,844,186**
Carleton	110	338	37,180	11,526	208,066	25.33	5,270,120
Dundas	31	324	10,044	3,114	117,337	21.50	2,522,483
Frontenac	24	341	8,184	2,537	111,574	23.03	2,569,382
Glengarry	55	338	18,590	5,763	116,188	20.30	2,358,191
Grenville	54	335	18,090	5,608	93,187	20.47	1,907,458
Lanark	47	337	15,839	4,910	139,170	24.52	3,412,288
Leeds	103	334	34,402	10,665	137,142	22.85	3,133,579
Lennox & Addington	32	335	10,720	3,323	143,155	24.69	3,534,343
Prescott	72	341	24,552	7,611	130,356	22.60	2,945,577
Renfrew	76	336	25,568	7,926	193,672	27.30	5,286,429
Russell	125	334	41,750	12,942	101,462	22.17	2,249,031
Stormont	26	337	8,761	2,716	95,672	21.58	2,064,361
Eastern Ontario	**755**	**336**	**253,680**	**78,641**	**1,586,981**	**23.47**	**37,253,242**
Algoma	32	392	12,544	4,390	52,663	22.23	1,170,852
Cochrane	24	361	8,664	3,032	31,656	31.60	1,000,452
Kenora	12	339	4,068	1,424	15,054	22.91	344,887
Manitoulin	35	395	13,825	4,838	40,608	21.30	865,037
Nipissing	26	376	9,786	3,425	53,368	25.23	1,346,319
Rainy River	38	372	14,142	4,950	48,719	22.53	1,097,704
Sudbury	39	367	14,313	5,010	51,574	25.49	1,314,446
Thunder Bay	38	379	14,402	5,041	43,773	26.31	1,151,774
Timiskaming	16	376	6,016	2,106	59,932	23.16	1,387,959
Northern Ontario	**260**	**376**	**97,760**	**34,216**	**397,347**	**24.36**	**9,679,430**
The Province, 1946	**20,200**	**420**	**8,484,000**	**2,298,000**	**8,248,400**	**27.69**	**228,391,000**

HORSES ON HAND

Showing by County Municipalities the number and value of Horses on hand June 1st, 1946.

Counties and Districts	Stallions, 2 yrs. old and over	Mares, 2 yrs. old and over	Geldings, 2 yrs. old and over	Colts and Fillies, under 2 years	Total Horses	
					Number	Value
						$
Brant	37	3,514	3,268	926	7,745	678,958
Elgin	42	5,478	5,641	986	12,147	1,026,422
Essex	57	5,072	4,627	824	10,580	925,750
Haldimand	27	3,121	2,659	801	6,608	578,200
Kent	64	7,108	5,926	1,147	14,245	1,235,754
Lambton	66	6,637	5,502	1,028	13,233	1,154,583
Lincoln	17	2,046	2,121	212	4,396	382,452
Middlesex	116	9,612	8,134	2,003	19,865	1,733,356
Norfolk	38	4,109	4,568	429	9,144	795,528
Oxford	70	6,919	6,384	1,014	14,387	1,237,282
Welland	16	2,212	2,036	438	4,702	417,303
Wentworth	38	3,703	3,327	516	7,584	665,496
Southern Ontario	**587**	**59.531**	**54,193**	**10,324**	**124,636**	**10,831,084**
Bruce	115	8,494	7,114	1,855	17,578	1,472,158
Dufferin	32	4,212	2,886	1,136	8,266	692,278
Grey	63	10,009	9,034	2,323	21,429	1,832,180
Halton	29	2,226	2,052	348	4,655	417,786
Huron	86	9,074	8,316	1,580	19,056	1,629,760
Peel	45	3,768	2,936	923	7,672	688,562
Perth	50	7,494	7,001	1,456	16,001	1,373,703
Simcoe	85	8,032	6,437	1,721	16,275	1,460,681
Waterloo	50	5,509	4,976	1,127	11,662	1,025,090
Wellington	58	8,714	7,065	1,468	17,305	1,464,868
Western Ontario	**613**	**67,532**	**57.817**	**13,937**	**139,899**	**12,057,066**
Durham	45	4,346	2,682	603	7,676	683,164
Haliburton	18	1,138	659	50	1,865	169,715
Hastings	80	5,614	5,243	1,011	11,948	1,072,867
Muskoka	15	951	927	85	1,978	189,888
Northumberland	52	4,880	4,322	725	9,979	858,194
Ontario	85	5,428	4,843	974	11,330	1,031,030
Parry Sound	35	1,508	1,526	263	3,332	376,516
Peterborough	37	3,294	4,039	613	7,983	710,487
Prince Edward	18	2,614	2,209	446	5,287	470,543
Victoria	45	4,136	3,902	624	8,707	783,630
York	98	6,318	6,081	937	13,434	1,316,834
Central Ontario	**528**	**40.227**	**36.433**	**6.331**	**83.519**	**7,662,868**
Carleton	57	5,987	5,134	1,567	12,745	1,185,285
Dundas	30	3,002	2,843	756	6,631	623,938
Frontenac	25	3,277	2,151	603	6,056	555,032
Glengarry	39	3,129	3,083	865	7,116	671,039
Grenville	20	2,795	3,436	602	6,853	652,405
Lanark	50	3,799	3,757	871	8,667	823,365
Leeds	40	4,109	3,683	881	8,713	810,309
Lennox and Addington	20	3,448	3,029	603	7,100	658,525
Prescott	60	3,511	3,296	712	7,579	717,428
Renfrew	58	5,695	3,118	1,098	9,969	904,033
Russell	52	2,573	2,166	701	5,492	505,859
Stormont	58	2,379	2,075	513	5,025	462,149
Eastern Ontario	**509**	**43.894**	**37.771**	**9,772**	**91,946**	**8,569,367**
Algoma	20	1,538	1,930	403	3,891	420,228
Cochrane	41	1,503	2,445	190	4,179	451,332
Kenora	6	389	720	33	1,148	129,724
Manitoulin	11	1,003	1,022	285	2,321	225,137
Nipissing	19	1,314	1,445	317	3,095	343,545
Rainy River	28	1,176	1,348	162	2,714	265,972
Sudbury	32	1,549	1,726	312	3,619	383,614
Thunder Bay	11	795	1,463	51	2,320	245,920
Timiskaming	27	1,517	1,530	349	3,423	379,143
Northern Ontario	**195**	**10,784**	**13,629**	**2,102**	**26,710**	**2,844,615**
The Province, 1946	**2,432**	**221.968**	**199.843**	**42,466**	**466,710**	**41,965,000**

CATTLE ON HAND

Showing by County Municipalities the number of Cattle on hand, June 1st, 1946.

Counties and Districts	Bulls for breeding	Cows for milk purposes	Cows for beef purposes	Yearlings for milk purposes	Yearlings for beef purposes	Calves	All other cattle
Brant	1,340	15,742	955	4,091	1,023	7,131	3,291
Elgin	1,467	28,693	1,752	6,767	1,649	14,286	6,662
Essex	691	20,855	581	4,659	468	7,431	917
Haldimand	802	15,406	943	4,373	1,203	9,116	2,372
Kent	938	21,322	3,350	5,168	2,214	17,094	10,015
Lambton	1,231	29,375	4,003	6,184	5,034	23,021	17,186
Lincoln	487	9,715	479	2,142	392	4,355	2,421
Middlesex	2,912	46,988	7,467	11,501	6,680	28,747	26,161
Norfolk	752	14,363	212	4,555	756	5,853	823
Oxford	3,125	49,671	1,900	16,519	1,495	20,142	5,190
Welland	495	10,180	614	2,134	356	3,560	320
Wentworth	1,193	19,229	699	4,503	600	8,223	1,606
Southern Ontario	**15.433**	**281.541**	**22,955**	**72,596**	**21.870**	**148.959**	**76,964**
Bruce	1,944	39,196	8,325	7,295	9,801	35,272	31,728
Dufferin	783	15,734	2,902	3,112	4,625	12,908	11,724
Grey	2,896	45,977	6,811	9,441	10,895	35,424	35,512
Halton	865	14,284	673	4,259	1,068	7,621	2,157
Huron	2,276	44,711	7,929	9,109	11,754	34,893	27,451
Peel	1,215	22,846	967	5,932	1,325	10,947	5,986
Perth	2,445	42,615	2,826	11,526	5,332	26,345	9,342
Simcoe	1,612	41,911	3,574	8,413	6,151	26,378	19,117
Waterloo	1,368	24,658	917	6,239	1,400	13,224	5,502
Wellington	1,923	32,921	5,740	5,045	6,624	26,330	22,962
Western Ontario	**17.327**	**324.853**	**40,664**	**70,371**	**58,975**	**229,342**	**171,481**
Durham	897	18,658	3,287	4,739	2,687	15,609	6,430
Haliburton	164	3,467	175	791	226	2,584	641
Hastings	2,363	42,258	802	9,652	572	18,860	2,297
Muskoka	258	5,691	298	1,289	273	3,005	829
Northumberland	1,392	32,535	1,451	7,064	1,922	14,626	3,715
Ontario	1,685	30,967	3,388	7,202	3,639	19,666	9,316
Parry Sound	543	11,052	814	2,412	892	7,202	2,865
Peterborough	987	19,871	1,035	5,404	1,493	14,275	4,971
Prince Edward	816	13,253	2,440	3,946	1,267	6,029	169
Victoria	933	25,193	3,441	4,133	4,074	15,745	12,539
York	2,088	37,652	1,574	9,205	1,961	15,674	3,053
Central Ontario	**12,126**	**240,597**	**18.705**	**55,837**	**19,006**	**133,275**	**46,825**
Carleton	2,114	42,052	1,477	10,565	1,364	17,882	7,511
Dundas	1,703	30,283	229	8,306	356	8,794	39
Frontenac	1,574	27,962	536	6,855	703	11,546	1,927
Glengarry	1,941	29,070	196	7,603	275	9,404	93
Grenville	858	18,872	256	5,140	253	6,155	297
Lanark	1,345	26,117	2,073	6,880	2,214	16,897	7,880
Leeds	1,983	37,312	284	9,768	340	13,206	481
Lennox & Addington	1,193	22,557	689	5,812	802	9,051	2,462
Prescott	1,863	26,291	277	7,131	442	8,465	277
Renfrew	1,867	31,168	2,250	7,113	2,418	22,101	13,465
Russell	1,675	23,444	153	6,212	355	8,602	311
Stormont	1,633	24,894	226	5,858	216	6,398	73
Eastern Ontario	**19,749**	**340.022**	**8.646**	**87.243**	**9,738**	**138,501**	**34,816**
Algoma	365	6,439	937	2,026	548	5,349	1,818
Cochrane	802	7,583	218	2,412	239	4,721	816
Kenora	116	1,876	80	489	41	1,011	83
Manitoulin	269	7,217	1,527	1,331	1,236	5,675	4,600
Nipissing	812	10,003	312	2,614	385	6,085	1,165
Rainy River	307	5,739	259	1,545	268	5,271	966
Sudbury	952	9,922	425	2,629	414	6,208	839
Thunder Bay	367	7,201	138	1,764	218	4,422	281
Timiskaming	801	7,614	369	2,685	264	5,912	1,103
Northern Ontario	**4,791**	**63,594**	**4,265**	**17,495**	**3,613**	**44,654**	**11,671**
The Province, 1946	**69.426**	**1,250,607**	**95.235**	**303,542**	**113,202**	**694,731**	**341,757**

TOTAL CATTLE AND SWINE ON HAND

Showing by County Municipalities the number and value of Cattle, Swine on hand, June 1st, 1946.

Counties and Districts	Total Cattle		Swine		Total Swine	
	Number	Value	Six months and over	Under six months	Number	Value
		$				$
Brant	33,573	2,855,276	4,412	19,655	24,067	541,748
Elgin	61,276	4,859,248	12,657	39,006	51,663	1,147,435
Essex	35,602	2,608,987	21,317	55,210	76,527	1,694,359
Haldimand	34,215	2,566,467	6,513	23,578	30,091	674,339
Kent	60,101	4,493,151	24,973	68,548	93,521	2,079,024
Lambton	86,034	6,425,019	14,382	62,309	76,691	1,699,473
Lincoln	19,991	1,543,905	3,485	10,083	13,568	303,380
Middlesex	130,456	9,955,097	14,791	60,505	75,296	1,691,081
Norfolk	27,316	2,114,258	6,115	19,316	25,431	546,283
Oxford	98,042	7,602,176	11,380	51,015	62,395	1,404,511
Welland	17,659	1,388,174	2,678	7,867	10,545	234,204
Wentworth	36,053	2,769,231	6,239	21,331	27,570	613,708
Southern Ontario	**640,318**	**49,180,989**	**128,942**	**438,423**	**567,365**	**12,629,545**
Bruce	133,561	11,042,823	12,916	63,591	76,507	1,706,106
Dufferin	51,788	3,768,613	8,336	30,832	39,168	873,446
Grey	146,956	10,531,044	21,136	84,923	106,059	2,370,419
Halton	30,927	1,900,794	7,748	16,508	24,256	543,334
Huron	138,123	9,989,055	20,647	83,763	104,410	2,344,005
Peel	49,218	3,957,127	7,267	26,845	34,112	764,109
Perth	100,431	7,654,851	20,576	97,427	118,003	2,672,768
Simcoe	107,156	7,685,228	22,918	70,179	93,097	2,089,359
Waterloo	53,308	4,087,124	16,898	58,616	75,514	1,695,289
Wellington	101,545	7,585,412	15,914	69,784	85,698	1,923,920
Western Ontario	**913,013**	**68,202,071**	**154,356**	**602,468**	**756,824**	**16,982,755**
Durham	52,307	3,873,856	8,234	28,607	36,841	814,923
Haliburton	8,048	493,020	502	1,596	2,098	44,897
Hastings	76,804	5,410,964	11,194	42,604	53,798	1,163,113
Muskoka	11,643	761,685	762	2,076	2,838	60,790
Northumberland	62,705	4,296,547	9,854	37,014	46,868	1,022,660
Ontario	75,863	5,810,347	13,775	43,862	57,637	1,257,639
Parry Sound	25,780	1,638,319	975	3,867	4,842	103,231
Peterborough	48,036	3,359,157	5,986	20,117	26,103	563,042
Prince Edward	27,920	2,080,598	2,928	13,551	16,479	360,396
Victoria	66,058	4,797,793	8,303	27,926	36,229	776,025
York	71,207	6,323,894	17,687	59,751	77,438	1,714,035
Central Ontario	**526.371**	**38.846.180**	**80.200**	**280,971**	**361.171**	**7,880,751**
Carleton	82,965	5,480,198	6,805	26,060	32,865	718,758
Dundas	49,710	3,515,200	3,522	14,737	18,259	402,976
Frontenac	51,103	3,248,107	4,172	15,368	19,540	429,294
Glengarry	48,582	3,313,778	4,291	17,811	22,102	491,491
Grenville	31,831	2,012,992	4,571	10,351	14,922	330,820
Lanark	63,406	4,092,857	6,390	18,286	24,676	545,833
Leeds	63,374	4,225,778	3,367	18,002	21,369	475,888
Lennox and Addington	42,566	2,904,704	4,302	17,126	21,428	473,987
Prescott	44,746	2,921,019	5,509	26,558	32,067	707,719
Renfrew	80,382	4,627,592	7,999	22,387	30,386	673,658
Russell	40,752	2,552,705	5,139	17,927	23,066	509,067
Stormont	39,298	2,749,288	4,599	17,245	21,844	484,289
Eastern Ontario	**638,715**	**41,644,218**	**60,666**	**221,858**	**282,524**	**6,243,780**
Algoma	17,482	1,117,974	1,072	4,544	5,616	120,969
Cochrane	16,791	1,082,852	1,603	4,216	5,819	126,796
Kenora	3,696	223,460	321	612	933	20,050
Manitoulin	21,855	1,483,955	702	2,761	3,463	74,074
Nipissing	21,376	1,236,174	1,572	5,695	7,267	154,624
Rainy River	14,355	811,058	1,703	2,867	4,570	97,981
Sudbury	21,389	1,207,768	2,457	5,579	8,036	174,301
Thunder Bay	14,391	838,420	1,274	2,655	3,929	85,613
Timiskaming	18,748	1,115,881	1,675	4,108	5,783	124,761
Northern Ontario	**150,083**	**9,117,542**	**12,379**	**33,037**	**45,416**	**979,169**
The Province, 1946	**2,868,500**	**206,991,000**	**436,543**	**1,576,757**	**2,013,300**	**44,716,000**

TOTAL SHEEP AND LAMBS ON HAND

Showing by County Municipalities the numbers on hand and value of Sheep and Lambs on hand, June 1st, 1946.

Counties and Districts	Sheep and Lambs			Total Sheep and Lambs	
	Ewes 1 year and over	Rams 1 year and over	Lambs Under 1 year	Number	Value
					$
Brant	2,419	98	2,126	4,643	60,638
Elgin	6,372	191	6,239	12,802	150,728
Essex	1,747	99	1,654	3,500	41,895
Haldimand	4,482	158	4,503	9,143	107,705
Kent	2,533	281	2,569	5,383	66,319
Lambton	9,528	561	9,758	19,847	243,729
Lincoln	2,593	179	2,473	5,245	65,143
Middlesex	8,360	702	8,414	17,476	216,178
Norfolk	1,517	151	1,640	3,308	40,093
Oxford	3,204	157	3,613	6,974	81,735
Welland	1,086	49	1,133	2,268	27,035
Wentworth	2,435	160	2,329	4,924	59,285
Southern Ontario	**46,276**	**2,786**	**46,451**	**95,513**	**1,160,483**
Bruce	14,161	575	13,023	27,759	350,873
Dufferin	13,748	513	13,991	28,252	351,455
Grey	29,724	862	30,018	60,604	753,044
Halton	4,922	191	4,941	10,054	125,574
Huron	10,107	592	10,226	20,925	262,400
Peel	4,834	215	5,010	10,059	125,134
Perth	3,945	191	4,050	8,186	99,787
Simcoe	20,398	827	20,478	41,703	519,619
Waterloo	1,426	65	1,649	3,140	39,250
Wellington	14,195	584	14,481	29,260	362,233
Western Ontario	**117,460**	**4,615**	**117,867**	**239,942**	**2,989,369**
Durham	9,123	536	9,004	18,663	211,638
Haliburton	1,037	81	1,011	2,129	21,056
Hastings	9,478	463	9,585	19,526	218,709
Muskoka	1,462	112	1,501	3,075	34,102
Northumberland	5,510	259	5,554	11,323	131,347
Ontario	11,426	618	10,956	23,000	269,790
Parry Sound	4,324	214	4,434	8,972	96,359
Peterborough	5,802	363	6,201	12,366	140,601
Prince Edward	3,066	130	3,306	6,502	69,311
Victoria	12,133	654	12,336	25,123	289,417
York	9,390	485	9,693	19,568	239,501
Central Ontario	**72,751**	**3,915**	**73,581**	**150,247**	**1,721,831**
Carleton	8,379	286	8,005	16,670	190,705
Dundas	906	71	903	1,880	21,846
Frontenac	4,285	296	4,388	8,969	102,835
Glengarry	1,603	80	1,615	3,298	36,635
Grenville	4,458	182	4,721	9,361	105,030
Lanark	17,158	769	17,507	35,434	404,656
Leeds	5,405	171	5,224	10,800	123,444
Lennox and Addington	3,423	162	3,618	7,203	82,690
Prescott	1,315	133	1,407	2,855	31,462
Renfrew	19,647	1,126	21,276	42,049	465,482
Russell	1,514	95	1,686	3,295	37,497
Stormont	904	49	875	1,828	20,873
Eastern Ontario	**68,997**	**3,420**	**71,225**	**143,642**	**1,623,155**
Algoma	3,807	191	4,002	8,000	88,480
Cochrane	1,461	150	1,214	2,825	23,470
Kenora	569	33	520	1,122	11,882
Manitoulin	9,428	367	9,601	19,396	217,132
Nipissing	2,819	263	2,636	5,718	63,127
Rainy River	9,049	279	9,275	18,603	197,477
Sudbury	1,423	85	1,369	2,877	31,129
Thunder Bay	1,771	118	1,676	3,565	37,932
Timiskaming	4,838	167	4,625	9,630	100,533
Northern Ontario	**35,165**	**1,653**	**34,918**	**71,736**	**771,162**
The Province, 1946	**340,649**	**16,389**	**344,042**	**701,080**	**8,266,000**

POULTRY ON HAND

Showing by County Municipalities the number and value of Poultry on hand, June 1st, 1946.

Counties and Districts	Turkeys	Geese	Ducks	Other Fowls	Total Poultry	
					Number	Value
						$
Brant	4,455	3,447	4,624	518,213	530,739	514,817
Elgin	25,498	4,776	7,352	568,470	606,096	569,730
Essex	21,766	8,423	19,441	1,198,859	1,248,489	1,186,065
Haldimand	25,796	4,666	6,061	646,232	682,755	641,790
Kent	13,380	9,807	36,366	1,163,437	1,222,990	1,176,367
Lambton	62,682	12,147	21,586	1,462,778	1,559,193	1,543,601
Lincoln	14,484	1,865	7,706	405,894	429,949	404,152
Middlesex	62,336	14,069	21,999	1,248,697	1,347,101	1,266,275
Norfolk	10,464	2,709	4,537	607,307	625,017	600,016
Oxford	5,126	6,169	12,659	928,316	952,270	904,657
Welland	9,107	1,853	5,607	340,602	357,169	335,739
Wentworth	5,226	3,723	4,776	573,605	587,330	569,710
Southern Ontario	**260,320**	**73,564**	**152,714**	**9,662,410**	**10,149,098**	**9,712,919**
Bruce	28,886	8,950	7,382	885,040	930,258	883,745
Dufferin	1,452	11,261	3,316	467,669	483,698	469,187
Grey	13,758	18,227	16,578	850,852	899,415	827,462
Halton	5,934	5,139	15,425	542,572	569,070	529,235
Huron	4,764	8,966	20,010	1,735,254	1,768,994	1,720,544
Peel	9,915	6,131	21,482	528,153	565,681	543,054
Perth	5,696	11,918	12,802	1,027,429	1,057,845	983,796
Simcoe	25,607	13,886	9,497	809,032	858,022	826,541
Waterloo	3,911	4,655	4,797	680,888	694,251	673,145
Wellington	2,757	16,275	12,591	1,010,211	1,041,834	968,906
Western Ontario	**102.680**	**105.408**	**123.880**	**8.537,100**	**8,869.068**	**8,425,615**
Durham	7,444	9,010	5,779	548,402	570,635	542,103
Haliburton	2,377	366	167	37,123	40,033	39,232
Hastings	13,110	5,790	2,622	409,947	431,469	418,525
Muskoka	1,125	649	510	126,698	128,982	127,692
Northumberland	9,065	5,264	3,060	663,490	680,879	633,217
Ontario	9,647	9,834	6,198	685,022	710,701	646,738
Parry Sound	2,981	2,956	497	93,589	100,023	93,021
Peterborough	11,912	4,255	1,840	371,231	389,238	373,668
Prince Edward	1,738	1,984	1,614	296,173	301,509	289,449
Victoria	11,155	8,973	3,532	591,495	615,155	572,094
York	19,689	13,412	12,005	1,018,099	1,063,205	1,044,499
Central Ontario	**90.243**	**62.493**	**37.824**	**4.841.269**	**5,031,829**	**4,780,238**
Carleton	21,648	8,530	7,592	585,980	623,750	580,088
Dundas	6,479	4,829	3,282	482,540	497,130	467,302
Frontenac	28,831	2,440	2,675	277,410	311,356	286,448
Glengarry	13,095	1,072	957	267,057	282,181	262,428
Grenville	8,294	1,945	2,560	272,711	285,510	262,669
Lanark	26,317	2,473	738	347,187	376,715	345,658
Leeds	21,987	2,360	4,095	342,587	371,029	348,767
Lennox and Addington	11,433	3,335	4,174	429,699	448,641	418,263
Prescott	9,263	2,141	793	271,258	283,455	263,613
Renfrew	20,603	5,835	946	456,318	483,702	449,320
Russell	1,137	4,722	1,266	245,812	252,937	236,702
Stormont	6,931	2,148	765	426,727	436,571	406,011
Eastern Ontario	**176.018**	**41.830**	**29.843**	**4.405.286**	**4,652,977**	**4,327,269**
Algoma	6,423	1,599	291	138,743	147,056	145,585
Cochrane	828	245	447	152,446	153,966	150,426
Kenora	1,177	133	159	50,132	51,601	49,021
Manitoulin	18,918	1,078	174	57,186	77,356	71,168
Nipissing	921	767	150	65,423	67,261	64,571
Rainy River	5,777	833	288	109,384	116,282	112,794
Sudbury	1,477	789	216	101,107	103,589	100,481
Thunder Bay	1,699	566	249	193,162	195,676	191,739
Timiskaming	1,557	982	327	153,375	156,241	151,174
Northern Ontario	**38,777**	**6,992**	**2,301**	**1,020,958**	**1,069,028**	**1,036,959**
The Province, 1946	**668,038**	**290,377**	**346,562**	**28,467,023**	**29,772,000**	**28,283,000**

CHATTEL MORTGAGES

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, for the years 1944, 1945 and 1946, together with totals for the Province for all occupations as well as for "farmers", as far as given in the records.

Counties and Districts	1946		1945		1944	
	No.	Amount	No.	Amount	No.	Amount
		$		$		$
Brant	995	1,279,313	615	489,700	294	289,866
Elgin	564	972,336	376	613,926	284	518,949
Essex	4,274	3,607,086	3,006	2,517,651	3,761	2,862,300
Haldimand	226	229,052	167	219,446	144	183,908
Kent	492	1,698,164	414	1,173,392	828	1,223,826
Lambton	1,071	832,078	845	573,358	630	410,685
Lincoln	968	1,443,293	766	621,233	725	596,441
Middlesex	2,330	2,229,882	1,784	1,506,907	1,769	1,131,466
Norfolk	321	3,137,300	220	280,927	223	261,542
Oxford	637	1,125,514	446	682,237	301	468,000
Welland	2,216	2,167,320	1,658	1,391,253	1,405	1,028,037
Wentworth	4,081	4,543,505	2,922	2,907,701	2,880	2,403,157
Southern Ontario	**18,175**	**23,264,843**	**13,219**	**12,997,731**	**13,244**	**10,378,177**
Bruce	148	311,037	158	283,420	172	287,507
Dufferin	68	144,381	82	202,562	82	202,854
Grey	229	686,675	216	626,539	257	610,379
Halton	383	3,331,647	259	591,465	300	507,159
Huron	308	545,315	246	456,227	262	479,725
Peel	357	381,504	259	449,526	264	290,173
Perth	506	739,352	260	465,616	271	410,563
Simcoe	473	2,409,636	336	769,552	366	787,742
Waterloo	1,185	1,542,514	620	726,336	447	585,556
Wellington	680	777,124	385	573,673	347	559,425
Western Ontario	**4,337**	**10,869,185**	**2,821**	**5,144,916**	**2,768**	**4,721,083**
Hastings	1,150	1,073,808	802	653,391	682	435,322
Muskoka	108	349,440	80	307,760	78	223,420
Northumberland and Durham	325	525,726	234	490,382	226	342,653
Ontario	405	742,549	423	493,554	414	501,909
Parry Sound	133	354,497	84	130,920	71	94,298
Peterborough	419	475,237	271	320,872	321	304,553
Prince Edward	177	251,686	212	293,887	184	280,151
Victoria and Haliburton	158	371,902	110	261,577	134	346,523
York	18,154	23,107,218	13,631	18,511,400	12,831	15,871,797
Central Ontario	**21,029**	**27,252,063**	**15,847**	**21,463,743**	**14,941**	**18,400,626**
Carleton	2,384	2,904,044	1,538	1,993,922	1,503	2,005,469
Frontenac	1,344	575,629	778	405,902	897	409,988
Lanark	163	387,839	127	296,455	114	227,372
Leeds and Grenville	396	423,747	301	458,006	290	498,326
Lennox and Addington	236	395,548	160	748,887	134	342,105
Prescott and Russell	304	780,272	281	459,400	329	689,143
Renfrew	158	597,518	126	316,350	142	244,118
Stormont, Dundas and Glengarry	1,165	1,103,935	548	914,052	1,114	884,712
Eastern Ontario	**6,150**	**7,168,532**	**3,859**	**5,592,974**	**4,523**	**5,301,233**
Algoma	710	536,393	293	356,872	532	233,696
Cochrane	815	1,250,543	384	788,350	697	614,821
Kenora	281	390,775	145	276,049	118	201,800
Manitoulin	35	129,267	28	45,266	36	38,207
Nipissing	476	757,018	213	464,436	167	354,784
Rainy River	175	313,790	64	92,338	73	94,105
Sudbury	1,301	1,451,021	768	1,111,454	782	425,384
Thunder Bay	1,343	1,226,394	973	805,533	630	493,133
Timiskaming	644	888,831	226	489,565	148	345,510
Northern Ontario	**5,780**	**6,944,032**	**3,094**	**4,429,863**	**3,183**	**2,801,440**
Total:						
All occupations	**55,471**	**75,498,655**	**38,840**	**49,609,227**	**38,659**	**42,602,559**
Farmers as given	**3,393**	**7,323,150**	**3,181**	**7,449,881**	**3,989**	**9,203,113**

FALL WHEAT AND SPRING WHEAT

The following table gives the area, produce and market value of Fall Wheat and Spring Wheat for the years 1882 to 1946, together with the annual averages for the various periods of ten years and the average for the sixty- five years.

Years	Fall Wheat				Spring Wheat			
	Acres	Per acre	Bushels	Market Value	Acres	Per acre	Bushels	Market value
				$				$
1946	546,100	29.8	16,274,000	20,017,000	38,000	22.0	836,000	1,018,000
1945	675,000	29.8	20,115,000	21,724,000	36,000	19.8	713,000	770,000
1944	668,000	31.3	20,908,000	22,790,000	37,800	20.4	771,000	833,000
1943	601,000	22.0	13,222,000	14,148,000	37,800	16.8	635,000	673,000
1942	757,000	30.9	23,391,000	20,584,000	42,000	20.5	861,000	758,000
1941	565,500	26.6	15,042,000	14,139,000	45,300	18.4	834,000	751,000
1940	775,400	28.5	22,099,000	13,922,000	69,200	18.8	1,301,000	846,000
1939	734,988	30.3	22,271,000	14,253,000	81,757	18.9	1,550,000	1,023,000
1938	742,062	26.7	19,805,775	11,082,514	88,001	18.1	1,592,289	923,545
1937	718,813	26.0	18,691,535	19,427,921	94,174	17.0	1,600,648	1,638,457
1936	509,306	24.5	12,478,456	13,601,343	97,972	17.7	1,735,147	1,874,293
1935	555,073	22.7	12,600,690	8,946,898	98,807	18.8	1,857,135	1,356,077
1934	425,594	15.8	6,724,089	5,917,025	96,373	18.7	1,803,088	1,533,062
1933	558,970	25.1	14,030,553	9,259,526	96,701	17.2	1,662,969	1,114,229
1932	536,292	28.1	15,061,600	6,929,113	100,068	19.9	1,990,368	895,980
1931	525,024	28.6	15,013,555	7,747,787	90,183	20.0	1,982,594	1,008,547
1930	676,802	26.7	18,047,207	11,958,527	98,966	22.0	2,179,204	1,426,734
1929	691,662	25.8	17,820,739	22,092,590	106,610	18.1	1,929,892	2,416,054
1928	693,660	24.2	16,766,408	20,456,753	109,805	19.9	2,181,855	2,599,815
1927	751,377	25.9	19,447,536	24,254,806	119,580	20.1	2,408,055	2,939,777
1926	807,015	26.0	20,988,030	26,262,506	115,497	18.8	2,166,054	2,708,690
1925	747,101	30.5	22,764,736	30,420,639	113,338	21.5	2,440,632	3,245,576
1924	722,366	29.6	21,396,621	28,646,679	101,401	19.2	1,948,853	2,669,773
1923	717,307	23.1	16,599,067	15,976,322	111,601	17.4	1,937,937	1,865,540
1922	813,935	21.9	17,792,958	18,616,746	124,206	16.9	2,099,503	2,207,565
1921	621,420	22.0	13,667,879	15,096,980	152,904	12.5	1,907,459	2,087,264
1920	762,371	24.3	18,492,013	35,759,610	267,367	16.8	4,480,472	8,237,182
1919	619,494	24.3	15,051,703	35,698,096	361,150	15.6	5,646,544	13,603,841
1918	362,616	19.5	7,054,845	14,877,794	351,423	23.3	8,186,191	17,076,203
1917	585,946	22.8	13,384,207	28,078,738	182,957	20.1	3,679,516	7,716,693
1916	704,867	21.2	14,942,050	24,099,591	144,305	15.3	2,213,961	3,591,681
1915	811,185	30.5	24,737,011	24,023,286	162,142	21.2	3,439,949	3,392,996
1914	685,692	20.9	14,333,548	15,641,232	118,607	18.3	2,169,425	2,340,520
1913	646,533	24.7	15,945,717	13,550,459	116,581	17.7	2,068,951	1,818,652
1912	759,888	19.8	15,039,885	13,795,968	123,080	18.7	2,302,339	2,072,266
1911	837,492	21.4	17,926,586	15,519,411	133,711	17.2	2,295,534	2,081,580
1910	743,473	26.7	19,837,172	17,172,678	129,319	19.3	2,489,833	2,229,999
1909	663,375	24.1	15,967,653	16,335,950	135,161	16.5	2,223,567	2,237,189
1908	679,642	24.2	16,430,476	14,649,061	142,124	15.5	2,197,716	1,996,230
1907	676,164	23.0	15,545,491	14,410,670	144,514	17.1	2,473,651	2,137,234
1906	787,287	23.9	18,841,774	13,321,134	171,745	19.0	3,267,000	2,250,963
1905	796,213	22.5	17,933,961	13,719,480	190,116	18.8	3,582,627	2,683,387
1904	605,458	15.1	9,160,623	9,041,535	225,027	15.4	3,471,103	3,269,779
1903	665,028	25.9	17,242,763	12,949,315	248,518	18.7	4,650,707	3,460,126
1902	748,592	27.0	20,233,669	14,305,204	303,115	20.0	6,048,024	4,209,425
1901	911,587	17.5	15,943,229	10,538,474	358,048	15.4	5,498,751	3,673,166
1900	1,068,640	21.9	23,369,737	15,517,505	376,905	18.4	6,940,333	4,684,725
1899	1,049,691	13.8	14,439,827	9,631,365	398,726	17.7	7,041,317	4,682,476
1898	1,048,182	24.0	25,158,713	17,460,147	389,205	17.7	6,873,785	4,756,659
1897	950,222	25.2	23,988,051	18,758,656	323,305	15.1	4,868,101	4,826,327
1896	876,955	17.2	15,078,441	10,705,693	255,361	13.8	3,519,322	2,484,641
1895	743,199	19.0	14,155,282	9,809,610	223,957	15.5	3,472,543	2,423,835
1894	778,992	21.2	16,512,106	9,081,658	230,016	14.6	3,367,854	1,869,159
1893	913,954	19.2	17,545,248	10,509,604	356,721	11.7	4,186,063	2,486,521
1892	966,522	21.2	20,492,497	14,488,195	651,302	12.7	8,290,395	5,620,888
1891	849,956	25.7	21,872,488	20,800,736	510,634	21.0	10,711,538	9,951,019
1890	720,101	19.8	14,267,383	13,439,875	601,753	12.8	7,683,905	7,015,405
1889	822,115	15.8	13,001,865	11,493,648	398,610	14.3	5,697,707	5,019,680
1888	826,537	16.7	13,830,787	14,162,726	367,850	17.5	6,453,559	6,408,384
1887	897,743	16.1	14,440,611	11,321,439	484,821	11.6	5,633,117	4,393,831
1886	886,402	20.4	18,071,142	13,300,361	577,465	16.5	9,518,553	6,900,951
1885	875,136	24.5	21,478,281	17,504,799	799,463	11.4	9,129,881	7,358,684
1884	864,740	24.0	20,717,631	16,677,693	721,647	20.2	14,609,661	11,892,264
Annual Averages:								
1932–1941	612,200	25.9	15,880,470	11,747,834	86,835	18.3	1,592,664	1,195,564
1922–1931	714,625	26.1	18,663,676	20,643,336	110,019	19.3	2,127,458	2,308,807
1912–1921	656,001	23.3	15,264,886	22,062,175	198,052	18.2	3,609,481	6,193,730
1902–1911	720,272	23.5	16,912,017	14,142,444	182,335	17.9	3,269,976	2,655,591
1882–1946	747,915	23.2	17,359,938	16,514,348	233,277	16.7	3,887,696	3,749,191

OATS AND BARLEY

The following table gives the area, produce and market value of Oats and Barley for the years 1882 to 1946, together with the annual averages for the various periods of ten years and the average for the sixty-five years.

Years	Oats				Barley			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
1946	1,635,000	43.9	71,776,000	38,760,000	293,000	36.7	10,753,000	7,742,000
1945	1,522,000	35.4	53,879,000	30,172,000	305,000	30.8	9,394,000	6,670,000
1944	1,716,000	38.9	66,752,000	36,714,000	331,000	33.8	11,188,000	7,608,000
1943	1,957,000	23.8	34,677,000	19,072,000	279,000	23.0	6,417,000	4,235,000
1942	1,966,000	43.0	84,538,000	37,197,000	353,000	34.5	12,179,000	6,942,000
1941	1,965,000	33.0	64,845,000	28,532,000	363,700	28.7	10,438,000	5,845,000
1940	2,254,000	38.4	86,554,000	27,697,000	499,000	31.1	15,519,000	6,828,000
1939	2,274,126	38.1	86,639,000	29,457,000	522,232	31.8	16,600,000	7,636,000
1938	2,262,930	27.9	83,198,318	23,231,985	544,017	30.6	16,648,991	6,798,249
1937	2,263,935	32.6	73,712,228	31,035,041	555,939	28.8	16,029,856	9,380,594
1936	2,345,906	28.5	66,857.962	32,091,668	519,233	27.0	14,018,054	11,214,391
1935	2,376,736	36.0	85,560,799	23,957,144	523,035	32.2	16,841,004	6,736,335
1934	2,390,817	34.1	81,526,069	28,534,021	484,908	30.4	14,741,263	7,370,538
1933	2,315,700	28.3	65,543,218	21,629,214	461,226	26.1	12,037,325	4,935,203
1932	2,338,569	32.3	75,517,411	18,878,732	456,000	30.2	13,771,000	4,958,004
1931	2,330,128	33.5	77,979,490	19,499,057	437,588	30.6	13,407,038	4,898,775
1930	2,468,913	39.5	97,481,866	28,983,780	609,879	34.3	20,910,731	7,496,760
1929	2,335,310	31.5	73,640,478	45,918,227	622,063	29.0	18,032,191	13,799,386
1928	2,659,980	35.1	93,461,068	51,912,665	615,433	32.4	19,944,133	14,790,285
1927	2,689,295	37.9	101,913,746	58,438,236	514,802	33.5	17,238,125	13,382,864
1926	2,831,755	33.8	95,722,130	49,615,846	449,095	32.2	14,447,174	9,823,171
1925	2,837,390	41.6	118,100,471	53,404,626	436,383	34.2	14,917,247	10,160,463
1924	2,891,990	39.5	114,249,129	61,899,999	439,177	33.2	14,570,403	11,970,808
1923	2,967,417	34.9	103,485,442	46,937,124	452,490	29.9	13,523,349	8,487,609
1922	3,034,090	38.2	116,033,569	50,450,114	433,922	32.2	13,971,811	8,561,782
1921	3,094,958	23.4	72,575,191	36,555,194	462,176	22.0	10,149,353	6,665,865
1920	2,880,053	44.9	129,171,312	75,159,913	484,328	34.4	16,660,350	15,631,613
1919	2,674,341	29.3	78,388,018	76,572,899	569,183	23.1	13,133,757	19,146,902
1918	2,924,468	45.1	131,752,601	98,798,745	660,404	36.7	24,247,673	25,112,912
1917	2,763,355	40.3	111,232,817	86,640,057	551,298	33.4	18,387,741	23,118,166
1916	2,689,762	26.5	71,297,528	47,066,428	527,886	23.5	12,388,969	12,621,940
1915	2,871,755	41.9	120,217,952	47,452,121	552,318	36.0	19,893,129	11,130,811
1914	2,776,883	37.3	103,564,322	51,232,043	579,473	31.2	18,096,754	11,640.790
1913	2,699,459	36.5	98,426,902	36,342,489	623,658	29.3	18,255,958	10,136,759
1912	2,601,735	37.8	98,444,807	38,005,016	647,382	29.7	19,232,275	11,296,962
1911	2,699,230	31.4	84,829,232	37,494,695	616,977	26.3	16,248,129	12,000,154
1910	2,757,933	37.0	102,084,924	35,698,964	626,144	30.5	19,103,107	9,930,410
1909	2,695,585	33.5	90,235,579	35,612,676	695,262	27.0	18,776,777	10,286,328
1908	2,774,259	34.8	96,626,419	38,987,985	734,029	28.5	20,888,569	10,943,788
1907	2,932,509	28.5	83,524,301	40,759,859	766,891	28.3	21,718,332	12,900,689
1906	2,716,711	39.9	108,341,455	36,836,095	756,163	33.4	25,253,011	11,363,855
1905	2,668,416	39.6	105,563,572	35,469,360	772,633	31.4	24,265,394	10,409,854
1904	2,654,936	38.5	102,173,443	33,002,022	772,434	31.8	24,567,825	10,736,140
1903	2,638,665	41.6	109,874,053	32,193,097	709,839	34.3	24,378,817	10,263,482
1902	2,500,758	42.6	106,431,439	37,038,141	661,622	33.1	21,890,602	9,872,661
1901	2,408,264	32.5	78,334,490	28,357,085	637,201	26.3	16,761,076	7,542,484
1900	2,398,834	37.4	89,693,327	23,768,732	577,810	29.3	16,909,751	6,577,893
1899	2,363,778	38.0	89,897,724	24,901,670	490,374	30.2	14,830,891	5,858,202
1898	2,376,360	36.6	86,858,293	22,409,440	438,784	28.9	12,663,668	4,812,194
1897	2,432,491	35.5	86,318,128	19,507,897	451,515	26.6	12,021,779	3,245,880
1896	2,425,107	34.2	82,979,992	16,595,998	462,792	27.4	12,669,744	4,003,639
1895	2,373,309	35.7	84,697,566	24,646,992	478,046	25.3	12,090,507	4,884,565
1894	2,342,766	30.0	70,172,516	21,613,135	486,261	22.6	10,980,404	4,447,064
1893	1,936,644	30.3	58,584,529	19,450,064	467,315	21.0	9,806,088	3,932,241
1892	1,861,469	34.8	64,758,053	19,945,480	499,225	24.6	12,274,318	5,069,293
1891	1,840,636	40.8	75,009,542	27,378,483	553,166	29.2	16,141,904	7,925,675
1890	1,882,366	28.0	52,768,207	21,687,734	701,326	22.2	15,600,169	7,831,285
1889	1,923,444	33.5	64,346,301	19,625,622	875,286	26.7	23,386,388	10,290,011
1888	1,849,868	35.4	65,466,911	26,514,099	895,432	26.1	23,366,569	14,043,308
1887	1,682,463	29.6	49,848,101	17,247,443	767,346	22.3	17,134,830	9,715,448
1886	1,621,901	36.2	58,665,608	18,772,995	735,778	26.5	19,512,278	10,009,799
1885	1,543,745	35.8	55,229,742	17,397,369	597,873	27.7	16,533,587	9,126,540
1884	1,481,828	38.9	57,696,304	19,097,476	700,472	27.3	19,119,041	10,247,806
Annual Averages:								
1932–1941	2,278,772	33.8	76,995,402	26,5[illegible]4 381	492,929	29.7	14,664,449	7,170,231
1922–1931	2,704,627	36.7	99,206,739	46,705,967	501,083	32.1	16,096,220	10,337,190
1912–1921	2,797,677	36.3	101,507,145	59,382,491	565,811	30.1	17,044,596	14,650,272
1902–1911	2,703,900	36.6	98,968,442	36,309,289	711,199	30.5	21,709,056	10,870,736
1882–1946	2,364,567	35.5	83,919,999	35,282,857	564,508	29.1	16,455,015	9,530,979

PEAS AND BEANS

The following table gives the area, produce and market value of Peas and Beans for the years 1882 to 1946, together with the annual averages for the various periods of ten years and the average for the sixty-five years.

Years	Peas				Beans			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
1946	34,300	21.0	720,000	2,045,000	76,800	17.3	1,328,000	3,944,000
1945	23,500	15.2	357,000	1,071,000	81,500	13.0	1,060,000	2,650,000
1944	34,600	16.8	581,000	1,598,000	82,500	14 0	1,155,000	2,888,000
1943	32,000	16.0	512,000	1,055,000	68,000	17.0	1,156,000	2,485,000
1942	34,000	16.9	575,000	1,144,000	62,000	20.2	1,252,000	1,878,000
1941	35,900	15.6	560,000	1,047,000	94,100	16.9	1,588,000	2,630,000
1940	55,200	16.2	894,000	1,672,000	84,800	14.9	1,264,000	2,212,000
1939	51,902	17.1	887,000	1,570,000	62,527	21.4	1,338,000	3,011,000
1938	52 405	17.2	899,103	1,348,680	59,727	22.9	1,366,018	1,366,018
1937	58,358	13.6	796,208	1,242,687	57,175	19.3	1,105,660	1,178,628
1936	66,831	12.2	815,101	1,263,360	56,344	13.2	743,037	1,501,391
1935	68,709	17.0	1,168,244	1,109,639	56,987	18.1	1,031,871	1,496,499
1934	68,811	16.8	1,156,027	983,041	49,445	14.0	692,025	878,504
1933	58,746	16.0	938,755	750,856	52,320	14.9	779,476	717,326
1932	59,535	18.0	1,071,344	696,348	61,821	17.1	1,059,559	519,132
1931	58,944	16.5	972,832	608,586	76,312	15.5	1,184,172	685,934
1930	80,093	19.7	1,581,468	1,657,822	67,540	13.4	905,498	1,306,852
1929	79,523	15.5	1,235,658	2,013,945	63,732	17.5	1,113,310	3,373,233
1928	109,887	17.2	1,892,588	2,892,490	50,953	17.1	873,427	3,343,825
1927	105,662	19.3	2,035,687	3,049,924	47,156	15.4	725,011	1,700,257
1926	97,865	19.2	1,880,301	2,831,588	51,721	15.8	819,166	1,913,221
1925	133,434	19.5	2,607,287	3,532,258	61,080	18.9	1,154,317	2,431,446
1924	130,989	18.8	2,456,164	3,712,042	52,047	16.5	856,860	1,958,602
1923	117,409	17.3	2,030,850	2,940,685	41,127	15.4	633,713	1,538,701
1922	105,544	19.7	2,076,965	2,914,720	39,999	15.6	622,781	1,579,549
1921	105,964	13.6	1,441,095	2,205,423	26,509	16.1	427,531	1,005,057
1920	109,187	20.2	2,209,523	4,270,938	22,744	16.7	380,499	1,097,137
1919	127,253	14.3	1,816,517	4,794,268	22,920	12.6	288,480	1,154,081
1918	113,862	20.9	2,381,937	5,184,332	100,082	13.9	1,387,834	6,230,007
1917	90,322	16.7	1,512,567	4,855,888	110,680	9.7	1,078,510	7,446,626
1916	95,542	13.4	1,243,979	2,618,754	53,999	10.8	583,105	3,183,086
1915	126,943	16.1	2,043.049	3,302,641	62,863	14.0	882,819	2,745,105
1914	177,856	14.7	2,609,585	3,565,974	51,149	16.3	835,895	1,787,432
1913	177,303	17.5	3,108,263	3,127,551	66,639	15.3	1,021,243	1,738,900
1912	221,524	16.6	3,667,005	4,047,354	69,703	17.0	1,182,132	2,280,173
1911	304,491	14.7	4,462,182	4,380,883	51,508	17.4	898,212	1,711,089
1910	403,414	14.9	6,016,003	4,856,986	49,778	17.9	892,927	1,386,798
1909	381,609	20.0	7,613,656	6,437,685	45,029	18.4	826,344	1,334,325
1908	396,642	18.7	7,401,336	6,121,449	46,477	16.9	783,757	1,160,103
1907	340,977	21.6	7,365,036	5,744,728	47,562	16.6	790,269	1,201,209
1906	410,356	18.0	7,388,987	5,216,625	51,272	18.5	950,312	1,320,934
1905	374,518	19.0	7,100,021	4,636,314	50,543	16.7	846,443	1,117,305
1904	339,260	19.5	6,629,866	4,176,816	50,892	17.9	912,849	1,113,676
1903	407,133	21.9	8,924,650	5,738,550	53,039	18.4	978,246	1,379,327
1902	532,639	14.4	7,664,679	5,441,922	53,964	12.4	670,633	905,355
1901	602,724	16.7	10,089,173	6,588,230	53,688	15.4	824,122	1,030,153
1900	661,592	21.2	14,058,198	8,027,231	44,053	18.6	820,373	817,912
1899	743,139	20.4	15,140,790	8,675,673	40,485	16.1	651,009	703,090
1898	865,951	15.6	13,521,263	7,058,099	45,220	16.8	759,657	531,760
1897	896,735	15.5	13,867,093	5,838,046	50,591	19.4	981,340	639,834
1896	829,601	21.1	17,493,148	7,696,985	68,369	17.5	1,197,535	819,114
1895	799,963	19.5	15,568,103	8,531,320	72,747	20.5	1,494,179	1,414,988
1894	785,007	17.9	14,022,888	7,516,268	59,281	14.0	827,514	913,575
1893	738,741	19.2	14,168,955	7,651,236	48,858	13.6	664,310	783,886
1892	774,732	18.7	14,494,430	8,551,714	33,249	16.1	535,931	529,500
1891	752,453	24.4	18,323,459	11,690,367	41,451	18.6	769,600	816,546
1890	781,206	19.7	15,389,313	9,279,756	39,456	19.3	761,341	978,323
1889	708,068	19.1	13,509,237	7,524,645	21,830	17.0	371,893	471,188
1888	696,653	20.5	14,269,863	9,332,490	22,700	23.5	534,526	607,756
1887	726,756	16.8	12,173,332	6,804,892	20,275	13.6	275,975	270,180
1886	703,936	22.8	16,043,734	8,439,004	21,072	22.9	482,072	403,494
1885	646,081	21.7	14,006,192	8,123,591	24,651	20.1	496,564	397,251
1884	570,928	24.0	13,691,607	8,817,395	24,878	23.8	592,044	698,612
Annual Averages:								
1932–1941	57,640	15.9	918,578	1,168 361	63,525	17.3	1,096,765	1,551,050
1922–1931	101,935	18.4	1,876,980	2,615,406	55,167	16.1	888,826	1,983,162
1912–1921	134,576	16.4	2,203,352	3,797,312	58,729	13.7	806,805	2,866,760
1902–1911	389,104	18.1	7,056,642	5,275,196	50,006	17.1	854,999	1,263,012
1882–1946	328,904	19.1	6,289,402	4,574,547	52,671	16.5	859,613	1,601,839

RYE AND BUCKWHEAT

The following table gives the area, produce and market value of Rye and Buckwheat for the years 1882 to 1946, together with the annual averages for the various periods of ten years and the average for the sixty-five years.

Years	Rye				Buckwheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
1946	65,000	21.2	1,378,000	2,522,000	116,000	23.2	2,691,000	2,045,000
1945	67,500	18.5	1,249,000	1,187,000	152,000	19.9	3,025,000	2,329,000
1944	65,000	19.1	1,242,000	1,068,000	141,000	23.6	3,328,000	2,496,000
1943	64,000	16.5	1,056,000	908,000	159,000	22.5	3,578,000	2,648,000
1942	78,600	19.1	1,501,000	976,000	126,000	21.0	2,646,000	1,614,000
1941	73,700	17.0	1,253,000	827,000	116,300	20.0	2,326,000	1,349,000
1940	81,500	19.1	1,557,000	779,000	182,500	20.8	3,796,000	1,746,000
1939	75,652	18.2	1,378,000	799,000	168,401	21.2	3,570,000	1,856,000
1938	74,129	19.4	1,439,266	626,738	183,200	19.1	3,507,176	1,440,364
1937	74,704	17.3	1,291,222	1,006,882	195,193	19.2	3,753,901	2,237,761
1936	53,212	16.8	893,962	751,119	196,971	20.1	3,959,741	2,732,034
1935	59,340	17.6	1,044,363	417,797	186,427	20.9	3,896,451	1,558,406
1934	55,947	15.5	865,988	475,984	213,904	20.5	4,384,994	2,060,966
1933	54,006	16.9	913,024	465,739	207,124	21.0	4,349,266	1,826,807
1932	57,500	17.8	1,024,000	378,924	196,552	22.9	4,511,006	1,579,166
1931	61,701	17.9	1,104,754	462,594	178,719	20.5	3,665,584	1,551,607
1930	52,881	17.7	937,302	454,565	275,317	20.6	5,675,616	2,935,428
1929	52,023	16.8	873,239	847,938	294,388	18.9	5,562,013	4,627,121
1928	66,307	17.1	1,131,172	1,076,724	271,243	21.0	5,692,376	4,638,578
1927	72,323	17.8	1,289,058	1,228,421	249,210	23.6	5,892,510	4,593,204
1926	86,355	17.4	1,501,390	1,309,840	234,870	21.2	4,975,192	3,830,695
1925	98,652	18.1	1,784,625	1,553,529	257,932	21.6	5,579,109	4,086,236
1924	126,641	18.2	2,299,545	2,471,369	240,552	26.8	6,449,496	5,593,465
1923	123,354	16.3	2,011,325	1,481,691	230,276	21.8	5,012,010	3,670,511
1922	152,709	16.4	2,500,354	1,959,112	197,812	21.6	4,266,215	3,137,448
1921	122,868	14.5	1,775,599	1,467,086	147,944	22.7	3,354,201	2,482,999
1920	133,090	17.7	2,349,880	3,336,240	143,204	22.3	3,190,478	3,367,161
1919	140,072	15.8	2,219,042	3,531,031	178,569	22.8	4,071,959	5,727,413
1918	112,726	16.1	1,812,909	2,750,561	223,662	20.6	4,597,990	6,207,986
1917	133,077	16.7	2,222,325	3,614,591	153,457	19.5	2,992,391	4,278,256
1916	148,738	15.8	2,354,410	2,797,290	229,205	14.2	3,261,888	3,555,699
1915	173,736	18.5	3,210,512	2,532,051	193,497	22.1	4,278,366	3,057,398
1914	138,913	16.7	2,315,532	1,965,522	177,227	24.0	4,251,421	3,041,564
1913	118,429	16.7	1,979,775	1,310,306	228,279	17.6	4,012,418	2,549,398
1912	105,949	17.4	1,839,675	1,287,208	205,893	26.3	5,414,796	2,950,001
1911	98,652	15.8	1,562,971	1,326,510	189,039	20.4	3,852,231	2,324,992
1910	95,397	17.0	1,620,333	1,024,787	194,913	24.1	4,693,881	2,346,387
1909	94,661	16.6	1,573,921	1,060,566	176,630	24.2	4,280,790	2,284,440
1908	87,908	16.5	1,453,616	1,012,953	140,605	23.6	3,323,668	1,799,890
1907	67,158	15.5	1,039,021	721,081	113,039	22.5	2,546,468	1,461,673
1906	79,870	16.6	1,327,582	808,497	106,444	16.8	1,792,903	887,487
1905	101,292	16.9	1,714,951	974,092	101,591	21.7	2,199,652	1,099,826
1904	130,702	15.3	2,001,826	1,153,052	100,608	20.5	2,066,234	1,004,190
1903	179,277	16.6	2,970,768	1,443,793	95,487	21.5	2,049,169	907,782
1902	189,318	18.5	3,509,332	1,772,213	93,324	20.5	1,911,683	917,608
1901	158,236	16.1	2,545,268	1,254,817	88,266	19.9	1,757,071	850,422
1900	142,213	16.6	2,357,635	1,143,453	102,570	18.3	1,874,261	819,052
1899	137,824	16.6	2,284,846	1,142,423	132,082	16.7	2,203,299	1,002,501
1898	165,089	16.2	2,673,234	1,162,857	150,394	15.8	2,373,645	906,732
1897	187,785	18.0	3,382,005	1,275,016	151,669	22.8	3,464,186	1,039,256
1896	148,680	15.0	2,230,873	816,500	145,606	17.9	2,603,669	794,119
1895	120,350	15.8	1,900,117	866,453	135,262	20.6	2,791,749	1,027,364
1894	90,144	15.4	1,386,606	612,880	145,268	17.4	2,534,335	993,459
1893	68,486	14.5	994,771	472,516	133,828	17.8	2,380,456	995,031
1892	73,073	15.5	1,132,504	631,937	125,104	20.2	2,521,214	1,063,952
1891	67,865	16.7	1,134,630	820,337	107,879	24.2	2,608,142	1,150,191
1890	103,061	15.2	1.563,345	823,883	90,111	22.8	2,053,720	883,100
1889	90,106	15.9	1,431,679	728,725	56,398	22.6	1,272,578	502,668
1888	84,087	15.4	1,295,302	779,772	57,528	21.2	1,222,283	602,585
1887	68,362	13.1	894,887	442,969	64,143	16.0	1,025,353	461,409
1886	67,779	16.3	1,106,462	577,573	70,792	23.7	1,678,708	565,725
1885	78,293	16.2	1,271,506	701,871	61,776	24.8	1,530,675	600,024
1884	103,416	15.9	1,648,259	984,010	65,836	22.5	1,484,570	593,828
Annual Averages:								
1932–1941	65,969	17.7	1,165,983	652 818	184.658	20.6	3,805,453	1,838,650
1922–1931	89,295	17.3	1,543,279	1,284,578	243,032	21.7	5,277,012	3,866,429
1912–1921	132,760	16.6	2,207,966	2,459,189	188,094	21.0	3,942,591	3,721,788
1902–1911	112,424	16.7	1,877432	1,129,754	131,168	21.9	2,871,668	1,503,428
1882–1946	102,659	16.8	1,724,501	1,270,684	156,398	20.9	3,275,048	2,090,039

STATISTICS OF FARM CROPS

Flax and Mixed Grains

The following table gives the area, produce and market value of Flax and Mixed Grains for the years 1907 to 1946, together with the annual averages for the various periods and for the whole term of years.

Years	Flax				Mixed Grains			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
1946	18,000	9.4	169,000	512,000	946,000	44.7	42,286,000	27,063,000
1945	23,200	9.9	230,000	564,000	943,000	35.8	33,477,000	20,756,000
1944	23,600	10.1	238,000	440,000	984,000	41.4	40,738,000	23,221,000
1943	24,000	9.8	235,200	435,000	895,000	22.8	20,406,000	11,835,000
1942	24,000	10.9	262,000	474,000	1,151,000	44.1	50,759,000	25,887,000
1941	11,800	9.6	113,000	175,000	1,176,500	33.1	38,942,000	19,860,000
1940	17,500	9.7	170,000	226,000	915,000	38.0	34,770,000	13,213,000
1939	6,162	9.3	58,000	92,000	914,364	39.0	35,662,000	14,621,000
1938	5,176	8.7	44,917	56,200	888,321	36.7	32,596,707	11,522,394
1937	5,009	10.3	51,743	72,501	890,136	34.5	30,674,828	14,787,597
1936	5,289	6.5	34,423	50,819	953,079	29.2	27,830,699	14,750,022
1935	7,436	10.2	75,277	98,277	926,557	36.5	33,821,188	11,499,206
1934	5,666	10.0	56,716	75,550	941,448	34.2	32,195,970	12,878,261
1933	5,548	9.0	49,474	59,357	946,779	29.1	27,552,147	10,470,240
1932	6,280	9.8	61,569	55,540	986,161	33.8	33,327,100	10,997,537
1931	7,325	10.9	79,555	83,812	1,012,347	34.7	35,155,615	12,510,754
1930	5,235	9.8	51,257	78,809	958,086	39.2	37,512,279	13,857,314
1929	5,492	8.5	46,927	109,034	892,897	33.5	29,903,638	21,890,640
1928	7,964	8.5	67,441	141,111	905,693	37.2	33,691,418	23,420,648
1927	7,080	9.6	68,173	121,004	799,333	39.9	31,918,944	22,882,169
1926	7,712	9.8	75,736	148,149	770,981	37.1	28,577,629	18,697,998
1925	9,789	12.6	123,134	262,386	681,624	41.4	28,246,057	16,559,729
1924	6,619	11.8	77,801	162,590	645,622	40.9	26,403,332	18,231,508
1923	6,766	10.2	68,684	140,376	648,934	36.8	23,880,889	14,290,315
1922	4,556	10.7	48,662	106,046	552,399	38.5	21,270,479	11,882,085
1921	7,534	8.9	66,748	130,995	618,289	26.2	16,188,510	10,579,352
1920	21,053	10.7	224,893	515,983	581,689	44.2	25,712,447	20,556,442
1919	13,717	9.4	129,461	670,608	628,761	31.4	19,735,287	26,403,773
1918	15,925	12.3	196,221	*1,224,783	619,389	44.3	27,462,374	28,253,556
1917	7,372	....	....	....	515,593	39.0	20,102,421	20,876,501
1916	5,880	....	....	....	485,986	27.4	13,297,354	12,485,065
1915	5,334	....	....	....	475,738	40.9	19,461,609	10,602,271
1914	6,025	....	....	....	456,631	36.9	16,854,550	10,074,687
1913	7,431	....	....	....	414,517	36.5	15,113,480	7,953,111
1912	9,125	....	....	....	448,402	36.5	16,382,161	8,674,724
1911	12,128	....	....	....	486,112	30.5	14,845,595	9,104,141
1910	12,021	....	....	....	497,936	36.7	18,261,803	9,187,822
1909	11,253	....	....	....	474,530	34.1	16,199,434	8,825,196
1908	8,562	....	....	....	456,049	33.7	15,354,350	8,444,893
1907	9,296	....	....	....	443,100	32.1	14,202,511	7,811,381
Annual Averages:								
1932–1941	7,587	9.4	71,512	96,124	953,834	34.3	32,737,264	13,459,926
1922–1931	6,854	10.3	70,737	135,332	786,792	37.7	29,666,028	17,422,316
1912–1921	9,940	....	....	....	524,500	36.3	19,031,019	15,645,948
1907–1911	10,652	....	....	....	471,545	33.4	15,772,739	8,674,687
1907–1946	10,247	....	....	....	748,200	36.1	27,019,570	15,435,433

*Including seed of the fibre variety commandeered and shipped to Ireland to the value of $930,769.

No estimates of flax were made previous to 1918. The average for the twenty-nine years, 1918–1946, was 10,877 acres, yielding 109,449 bushels, valued at $249,894.

Husking Corn and Silo Corn

The following table gives the area, produce and market value of *Corn (for husking and for silo) for the years 1892 to 1946, together with the annual averages for the various periods of ten years and the average for the fifty-five years.

Years	Corn for Husking				Corn for Silo			
	Acres	Per acre	Bushels (shelled)	Market value	Acres	Per acre	Tons (green)	Market value
				$				$
1946	240,000	43.3	10,392,000	11,016,000	340,000	8.97	3,050,000	10,980,000
1945	227,000	45.0	10,215,000	10,624,000	338,000	7.70	2,603,000	9,111,000
1944	240,000	46.0	11,040,000	10,930,000	327,000	10.14	3,316,000	11,606,000
1943	190,000	36.5	6,935,000	6,103,000	307,000	9.97	3,061,000	10,714,000
1942	258,000	52.8	13,622,000	10,898,000	300,000	10.45	3,135,000	10,847,000
1941	245,400	46.2	11,337,000	8,389,000	295,000	10.00	2,950,000	9,145,000
1940	186,000	37.4	6,956,000	3,826,000	339,000	9.18	3,112,000	7,500,000
1939	183,175	44.2	8,097,000	4,453,000	335,691	10.55	3,545,000	9,430,000
1938	180,130	42.7	7,696,212	3,307,900	321,754	10.79	3,470,225	8,726,715
1937	165,593	32.7	5,409,213	3,272,319	317,349	9.71	3,080,766	8,280,429
1936	164,399	37.0	6,082,942	4,136,165	306,934	8.05	2,470,816	7,858,238
1935	167,710	46.3	7,764,981	3,494,268	324,799	9.34	3,033,659	9,100,977
1934	161,137	42.2	6,797,863	4,419,012	323,173	9.25	2,990,000	11,960,000
1933	136,596	37.0	5,054,297	2,830,032	286,021	8.53	2,440,009	7,320,027
1932	130,257	38.8	5,056,623	2,275,625	285,343	9.02	2,573,977	6,434,943
1931	123,960	43.9	5,434,159	2,157,322	264,286	8.71	2,301,527	9,206,108
1930	130,094	39.6	5,148,898	3,569,682	311,817	8.40	2,619,049	10,476,196
1929	120,000	32.1	4,449,961	4,460,367	287,566	7.73	2,221,467	9,574,523
1928	110,192	41.9	4,614,567	4,714,511	299,307	8.97	2,685,727	11,199,482
1927	102,626	35.4	3,632,809	3,613,287	326,964	7.62	2,490,660	10,012,453
1926	179,325	38.4	6,886,293	5,529,069	367,772	9.51	3,497,071	15,736,820
1925	207,767	46.9	9,736,311	8,131,617	373,133	9.69	3,614,233	15,360,490
1924	263,615	42.3	11,141,331	11,737,059	403,060	9.87	3,977,017	17,896,577
1923	285,335	45.1	12,861,496	9,710,461	409,628	8.91	3,651,102	14,604,408
1922	265,018	46.5	12,306,242	8,609,503	438,819	10.06	4,413,191	17,652,764
1921	250,684	54.0	13,542,441	8,012,455	438,343	11.44	5,015,082	25,075,410
1920	243,909	52.9	12,914,851	12,867,119	449,176	10.39	4,668,054	23,340,270
1919	221,004	45.7	10,101,650	16,400,838	399,549	10.05	4,013,946	20,069,730
1918	195,310	44.4	8,676,715	13,650,415	380,946	10.35	3,944,313	17,749,409
1917	258,935	29.7	7,675,675	14,278,407	511,329	8.97	4,587,176	18,348,704
1916	258,332	32.8	8,478,048	9,446,060	439,411	7.46	3,276,185	10,647,610
1915	309,773	46.8	14,506,997	9,885,292	443,736	10.98	4,874,377	12,185,943
1914	290,817	53.3	15,488,240	10,622,455	418,105	11.36	4,751,223	11,878,058
1913	299,871	49.4	14,809,343	9,545,538	388,138	10.46	4,059,345	10,148,363
1912	301,251	48.6	14,646,312	8,162,565	377,982	10.50	3,969,597	9,923,993
1911	308,350	47.8	14,608,860	9,693,994	335,935	11.21	3,764,227	9,410,568
1910	320,519	51.8	16,600,257	9,301,245	326,627	11.60	3,788,364	7,576,728
1909	322,789	46.7	15,079,793	9,705,826	288,346	11.70	3,374,655	6,749,310
1908	299,690	52.5	15,734,081	9,440,336	233,753	11.68	2,729,265	5,458,530
1907	338,573	43.1	14,599,644	6,219,448	200,354	10.13	2,029,547	4,059,094
1906	289,456	55.3	15,992,455	9,019,744	180,796	11.89	2,149,413	4,298,826
1905	295,005	47.3	13,948,613	7,720,557	184,784	12.36	2,284,812	4,569,624
1904	329,882	40.9	13,494,609	7,570,476	193,115	10.48	2,023,340	4,046,680
1903	378,924	51.5	19,525,259	10,807,230	209,727	12.23	2,564,400	5,128,800
1902	371,959	36.7	13,674,796	8,327,951	209,859	12.44	2,611,334	5,222,668
1901	323,923	51.1	16,558,737	9,438,480	197,932	11.92	2,359,514	4,719,028
1900	330,772	54.6	18,062,374	8,588,659	179,798	11.94	2,147,532	4,295,064
1899	333,590	43.3	14,448,823	4,291,300	171,935	9.87	1,697,755	3,395,510
1898	330,748	47.3	15,628,395	4,711,961	189,948	11.20	2,128,073	4,256,146
1897	335,030	49.1	16,442,665	4,858,808	209,005	12.77	2,669,822	5,339,644
1896	317,667	50.5	16,047,576	4,717,987	178,962	10.89	1,948,780	3,897,560
1895	302,929	54.6	16,546,599	5,609,297	149,899	11.85	1,775,654	3,551,308
1894	267,348	40.6	10,850,235	4,247,867	111,361	9.43	1,049,765	2,099,530
1893	217,294	43.2	9,381,974	3,729,335	95,865	10.95	1,049,524	2,099,048
1892	181,463	41.3	7,486,332	2,953,358	91,403	10.38	948,907	1,897,814
Annual Averages:								
1932–1941	172,040	40.8	7,025,213	4,040,332	313,506	9.46	2,966,645	8 575,633
1922–1931	178,793	42.6	7,621,207	6,223,288	348,235	9.04	3,147,104	13,171,982
1912–1921	262,989	45.9	12,084,027	11,287,114	424,672	10.16	4,315,930	15,936,749
1892–1946	245,257	45.5	11,167,646	7,382,404	298,646	10.02	2,991,927	9,494,057

*The combined average area for corn for the ten years, 1882–1891, was 195,878 acres, the average value of the produce for the same period being $3,704,614. The combined average for corn for the sixty-five years, 1882–1946, was 490,214 acres, the average value of the produce for the same period being $14,850,022.

POTATOES AND TURNIPS

The following table gives the area, produce and market value of Potatoes and Turnips for the years 1882 to 1946, together with the annual averages for the various periods of ten years and the average for the sixty-five years.

Years	Potatoes				Turnips			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
1946	120,000	150.0	18,000,000	19,980,000	41,300	402	16,608,000	5,481,000
1945	116,000	109.7	12,722,000	17,938,000	38,300	390	14,937,000	4,631,000
1944	120,000	118.2	14,180,000	15,082,000	39,000	434	16,926,000	4,062,000
1943	116,000	108.5	12,587,000	17,143,000	39,000	436	17,004,000	3,911,000
1942	122,000	97.8	11,935,000	12,174,000	39,000	433	16,878,000	3,207,000
1941	120,300	105.0	12,632,000	9,095,000	41.600	387	16,099,000	3,219,800
1940	146,800	76.7	11,255,000	7,496,000	61,900	430	26,658,000	3,363,000
1939	142,108	85.0	12,078,000	8,189,000	61,982	420	26,034,000	3,124,000
1938	146,177	84.7	12,380,000	5,779,073	63,407	412	26,101,938	3,132,233
1937	150,649	112.1	16,884,000	6,122,043	62,002	402	24,908,885	2,989,066
1936	145,046	100.0	14,500,000	11,744,902	61,902	375	23,226,804	3,215,753
1935	149,245	88.0	13,130,000	7,878,163	62,248	350	21,786,804	2,614,416
1934	164,325	120.0	19,716,000	6,506,762	65,021	390	25,368,247	3,550,155
1933	157,536	92.0	14,490,000	8,694,061	66,100	306	20,228,057	2,427,366
1932	156,252	101.5	15,860,000	6,565,765	65,952	386	25,456,398	2,036,511
1931	168,158	119.1	20,026,000	4,735,770	68,323	344	23,489,120	2,348,912
1930	159,192	114.8	18,275,000	10,906,175	74,133	342	25,386,998	5,077,400
1929	148,435	95.3	14,140,000	15,271,732	72,502	315	22,848,692	4,569,738
1928	181,241	103.7	18,792,000	11,052,928	71,791	478	34,323,412	6,864,682
1927	159,871	96.9	15,495,000	13,662,224	68,479	430	29,452,281	5,448,672
1926	153,468	107.5	16,496,000	18,627,771	71,500	325	23,204,013	4,640,803
1925	163,790	95.9	15,715,000	21,513,125	73,318	382	28,015,466	5,042,784
1924	169,145	147.6	24,967,000	13,355,441	70,110	464	32,547,607	5,533,093
1923	164,682	116.2	19,132,000	14,306,447	65,193	416	27,099,910	5,419,982
1922	172,858	117.7	20,350,000	10,385,525	67,635	442	29,923,528	5,984,706
1921	164,096	93.8	15,400,000	13,589,599	70,715	343	24,265,547	6,673,025
1920	157,509	152.1	23,962,000	23,776,530	80,588	498	40,141,406	11,038,887
1919	157,286	96.3	15,145,000	25,026,467	85,312	337	28,740,526	7,903,645
1918	166,203	116.6	19,376,000	19,238,431	85,449	494	42,190,382	10,547,596
1917	146,481	124.9	18,292,000	22,530,291	93,034	430	39,989,556	7,997,911
1916	139,523	50.5	7,408,000	9,684,215	91,670	263	24,067,699	3,369,478
1915	173,934	76.3	13,267,000	10,805,026	97,451	478	46,598,851	4,659,885
1914	167,591	159.4	26,718,000	11,747,332	95,371	486	46,336,708	4,633,671
1913	159,661	119.2	19,024,000	12,114,656	97,572	429	41,889,894	4,188,989
1912	158,888	134.3	21,346,000	13,604,052	101,529	488	49,561,566	4,956,157
1911	162,457	85.7	13,919,000	11,722,539	100,593	394	39,664,275	3,966,428
1910	168,454	130.2	21,928,000	10,798,597	108,360	456	49,425,472	4,942,547
1909	169,695	145.5	24,695,000	8,989,452	113,400	447	50,738,940	5,073,894
1908	166,974	110.9	18,518,000	8,874,201	120,920	341	41,210,189	4,121,019
1907	177,186	116.1	20,058,000	11,693,625	123,011	392	48,205,605	4,820,561
1906	136,064	110.4	15,020,000	8,080,921	132,512	431	57,060,151	5,706,015
1905	132,530	108.4	14,366,000	6,608,383	135,348	426	57,654,086	5,765,409
1904	133,819	115.7	15,479,000	7,847,915	133,207	487	64,861,703	6,486,170
1903	139,011	120.0	16,676,000	7,354,313	134,469	515	69,316,341	6,931,634
1902	144,733	89.4	12,942,000	7,312,514	136,725	525	71,740,204	7,174,020
1901	154,155	117.5	18,117,000	7,717,687	145,909	468	68,287,467	6,828,747
1900	163,754	131.1	21,476,000	5,605,351	156,583	379	59,330,395	5,933,040
1899	168,148	118.5	19,933,000	6,538,144	153,440	379	58,078,390	5,807,839
1898	169,946	84.5	14,359,000	6,332,154	151,601	427	64,727,882	6,472,788
1897	169,333	95.1	16,101,000	6,424,218	149,336	457	68,297,148	6,829,715
1896	178,965	119.0	21,305,000	5,582,035	148,234	471	69,814,841	6,981,484
1895	184,647	159.2	29,391,000	5,936,959	151,806	418	63,496,702	6,349,670
1894	167,253	102.6	17,163,000	6,075,748	147,657	418	61,694,487	6,169,449
1893	142,601	90.5	12,911,000	5,099,929	136,604	417	56,975,355	5,697,535
1892	145,703	84.3	12,290,000	6,194,068	129,627	490	63,541,641	6,354,164
1891	160,218	150.1	24,056,000	7,842,219	126,075	546	68,853,452	6,885,345
1890	158.094	111.1	17,561,000	7,779,575	111,055	424	47,040,563	4,704,056
1889	145,812	98.5	14,356,000	6,531,766	111,103	333	37,021,260	3,702,126
1888	153,915	144.7	22,274,000	7,060,733	113,188	421	47,640,237	4,764,024
1887	140,283	76.1	10,678,000	6,705,784	105,322	298	31,413,456	3,141,346
1886	140,143	114.3	16,012,000	7,189,548	98,931	476	47,061,053	4,706,105
1885	159,741	132.0	21,091,000	8,668,460	102,303	402	41,137,735	4,113,774
1884	168,757	163.3	27,546,000	11,018,504	104,190	426	44,406,363	4,440,636
Annual Averages:								
1932–1941	147,844	96.7	14,293,000	7,807 077	61,211	385	23.585,813	2,970,830
1922–1931	164,084	112.4	18,439,000	13,381,714	70,298	393	27,629,103	5,093,077
1912–1921	159,117	113.1	17,994,000	16,211,660	89,869	427	38,378,214	6,596,924
1902–1911	153,092	113.4	17,355,000	8,928,246	123,855	444	54,987,697	5,498,770
1882–1946	154,375	111.8	17,257,000	10,661,799	94,910	420	39,880,283	5,066,411

Alfalfa and Hay and Clover

The following table gives the area, produce and market value of Alfalfa for the years 1912 to 1946, and of Hay and Clover for the years 1882 to 1946, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Alfalfa				Hay and Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
1946	707,500	2.26	1,599,000	18,916,000	†2,740,000	1.75	4,795,000	52,074,000
1945	795,000	2.69	2,139,000	26,010,000	†2,764,000	2.05	5,666,000	63,912,000
1944	789,000	2.58	2,036,000	22,844,000	†2,689,000	1.59	4,276,000	45,197,000
1943	794,000	2.79	2,215,000	22,593,000	†2,625,000	2.00	5,250,000	50,400,000
1942	763,000	2.74	2,091,000	20,220,000	†2,489,000	1.92	4,779,000	42,485,000
1941	751,000	2.10	1,577,000	17,079,000	†2,447,000	1.35	3,303,000	34,600,000
1940	715,000	2.65	1,895,000	13,511,000	†2,389,000	1.83	4,374,000	28,686,000
1939	672,722	2.33	1,568,000	12,403,000	†2,400,149	1.69	4,067,000	30,950,000
1938	643,075	2.38	1,527,824	11,076,733	†2,440,625	1.71	4,166,076	28,850,043
1937	646,657	2.57	1,664,219	12,162,141	†2,474,861	1.69	4,190,574	29,923,850
1936	666,374	2.28	1,519,010	13,276,250	†2,510,329	1.57	3,936,141	34,612,053
1935	588,911	2.58	1,519,349	11,499,393	†2,529,452	1.82	4,603,677	32,593,451
1934	510,215	1.83	934,035	12,559,686	†2,618,811	1.06	2 775,995	35,032,423
1933	560,518	2.32	1,300,039	10,023,129	†2,769,610	1.49	4,127,139	34,708,446
1932	527,793	2.66	1,403,923	11,527,009	†2,780,349	1.59	4,420,718	32,005,889
1931	431,110	2.25	971,304	9,816,770	†2,858,923	1.61	4,615,372	38,906,045
1930	641,686	2.20	1,409,528	16,065,846	†2,849,702	1.53	4,353,094	45,365,729
1929	685,880	2.33	1,596,212	19,546,701	†2,915,221	1.60	4,661,660	52,573,554
1928	743,230	2.33	1,730,135	20,020,248	†2,811,076	1.59	4,455,615	50,026,378
1927	806,397	2.31	1,865,868	21,915,225	†2,832,813	1.73	4,914,515	54,161,232
1926	748,473	2.47	1,850,392	25,889,781	†2,889,143	1.47	4,248,048	54,154,454
1925	550,645	2.54	1,397,462	19,306,047	†3,022,507	1.38	4,181,206	50,738,655
1924	381,258	2.80	1,067,717	12,252,536	3,545,856	1.58	5,615,238	61,283,373
1923	299,610	2.63	788,431	8,915,438	3,596,484	1.61	5,799,422	64,069,155
1922	221,326	2.84	629,135	7,439,403	3,575,662	1.56	5,568,459	66,964,036
1921	177,205	2.58	456,378	8,023,795	3,551,655	1.11	3,954,166	76,193,216
1920	162,820	2.45	399,581	10,172,434	3,533,740	1.26	4,459,094	109,036,159
1919	146,790	2.14	314,419	7,293,462	3,508,266	1.59	5,588,804	126,750,915
1918	144,010	2.28	328,971	6,579,420	3,470,036	1.32	4,596,854	83,344,591
1917	189,109	2.45	462,956	5,460,205	3,358,579	1.83	6,156,340	72,705,998
1916	177,565	2.60	460,788	4,822,622	3,294,419	2.05	6,739,259	71,503,879
1915	165,284	2.59	428,739	6,044,599	3,066,468	1.25	3,825,024	55,660,170
1914	163,685	2.28	372,759	5,195,667	3,251,799	1.07	3,469,795	50,721,713
1913	167,707	2.27	380,606	5,090,267	3,261,139	1.09	3,543,957	46,212,298
1912	189,959	2.42	460,201	5,542,772	3,177,410	1.50	4,760,512	55,906,657
1911	...	...	...	...	3,301,468	1.28	4,238,362	55,767,671
1910	...	...	...	...	3,204,021	1.71	5,492,653	54,407,105
1909	...	...	...	...	3,228,445	1.20	3,885,145	49,754,078
1908	...	...	...	...	3,253,141	1.42	4,635,287	47,696,579
1907	...	...	...	...	3,289,552	1.18	3,891,863	58,806,050
1906	...	...	...	...	3,069,917	1.53	4,684,625	42,630,087
1905	...	...	...	...	3,020,365	1.94	5,847,494	45,142,654
1904	...	...	...	...	2,926,207	1.80	5,259,189	41,915,736
1903	...	...	...	...	2,783,565	1.56	4,336,562	34,432,302
1902	...	...	...	...	2,646,202	1.87	4,955,438	40,386,820
1901	...	...	...	...	2,557,263	1.81	4,632,317	37,012,213
1900	...	...	...	...	2,526,566	1.24	3,133,045	26,568,222
1899	...	...	...	...	2,505,422	1.40	3,498,705	27,010,003
1898	...	...	...	...	2,453,503	1.79	4,399,063	27,362,172
1897	...	...	...	...	2,341,488	1.63	3,811,518	27,366,699
1896	...	...	...	...	2,426,711	.93	2,260,240	21,879,123
1895	...	...	...	...	2,537,674	.73	1,849,914	22,753,942
1894	...	...	...	...	2,576,943	1.39	3,575,200	27,028,512
1893	...	...	...	...	2,766,894	1.79	4,963,557	37,921,575
1892	...	...	...	...	2,515,367	1.74	4,384,838	35,955,672
1891	...	...	...	...	2,549,975	.94	2,392,798	28,498,224
1890	...	...	...	...	2,462,002	1.75	4,305,915	34,232,024
1889	...	...	...	...	2,386,223	1.56	3,728,313	37,208,564
1888	...	...	...	...	2,292,638	.88	2,009,017	33,570,674
1887	...	...	...	...	2,280,643	1.36	3,093,610	35,947,748
1886	...	...	...	...	2,295,151	1.35	2,994,446	29,016,182
1885	...	...	...	...	2,268,091	1.43	3,252,155	32,033,727
Annual Averages								
1932–1941	628,227	2 37	1,490,840	12,511,734	2,536,019	1.57	3,996,732	32,196,216
1922–1931	550,962	2.42	1,330,618	16,116,800	3,141,888	1.57	4,946,462	54,824,511
1912–1921	168,413	2.41	406,540	6,422,524	3,347,351	1.41	4,709,381	74,803,560
1902–1911	...	...	...	...	*3,072,288	1.54	4,722,662	47,093,908
1882–1946	‡494,986	2.45	1,210,285	13,160,046	2,798,058	1.50	4,205,411	45,307,231

*Including Alfalfa. †Exclusive of Alsike and Sweet Clover, previously included. ‡1912-46.

Mangels and Field Crops

The following table gives the area, produce and market value of Mangels and all Field Crops for the years 1882 to 1946, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Mangels				All Field Crops		
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Value
				$		c.	$
1946	20,200	420	8,48,4000	2,298,000	8,248,400	27.69	228,391,000
1945	19,700	410	8,077,000	2,020,000	8,427,500	27.23	229,472,000
1944	20,000	460	9,200,000	2,024,000	8,587,900	25.20	216,442,000
1943	20,000	460	9,200,000	1,932,000	7,995,800	21.92	175,283,000
1942	18,700	455	8,510,000	1,362,000	8,822,500	23.00	202,892,000
1941	19,600	406	7,958,000	1,114,000	8,688,300	18.82	163,539,600
1940	36,400	450	16,398,000	1,804,000	9,118,600	15.17	138,374,000
1939	36,228	442	16,044,000	1,925,000	9,085,758	16.54	150,288,000
1938	35,673	435	15,503,275	1,860,393	9,088,014	13.88	126,158,324
1937	33,202	426	14,130,612	1,695,673	9,043,201	16.61	150,203,348
1936	32,408	399	12,941,428	1,811,800	9,119,007	17.80	162,333,522
1935	33,829	378	12,787,436	1,534,492	9,106,295	14.41	131,260,274
1934	33,079	418	13,826,991	1,935,779	8,999,999	15.96	143,755,962
1933	32,071	336	10,785,774	1,294,293	9,194,940	13.57	124,679,714
1932	31,797	402	12,781,446	1,022,515	9,225,680	12.37	114,150,521
1931	32,399	366	11,855,500	1,185,550	9,176,062	13.65	125,219,586
1930	29,055	366	10,626,135	2,125,227	10,009,097	17.33	173,498,548
1929	30,395	320	9,728,083	1,945,617	10,020,294	23.62	236,651,277
1928	33,567	439	14,738,443	2,947,689	10,357,960	23.60	244,445,136
1927	34,665	389	13,494,700	2,496,520	10,305,045	24.90	256,627,042
1926	34,009	398	13,548,484	2,709,697	10,434,401	24.70	257,686,886
1925	35,385	421	14,881,069	2,678,592	10,364,317	25.23	261,490,292
1924	35,958	434	15,616,128	2,654,742	10,264,614	25.76	264,370,642
1923	35,118	423	14,865,791	2,973,158	10,296,961	21.28	219,114,500
1922	35,274	464	16,366,353	3,273,271	10,258,613	21.77	223,342,150
1921	31,225	381	11,909,854	3,275,210	10,075,073	22.05	222,177,881
1920	36,450	471	17,174,290	4,722,930	10,108,272	36.37	367,608,619
1919	35,010	383	13,409,270	3,687,549	9,915,884	40.06	397,238,400
1918	40,714	448	18,244,453	4,561,113	9,992,825	36.42	363,909,778
1917	49,148	397	19,492,626	3,898,525	9,718,259	34.30	333,353,438
1916	42,793	228	9,756,015	1,365,842	9,548,876	23.43	223,748,948
1915	50,799	498	25,356,323	2,028,506	9,762,951	21.58	210,674,415
1914	50,663	502	25,439,520	2,035,162	9,621,444	20.70	199,152,945
1913	54,568	402	21,935,847	1,754,868	9,541,537	17.65	168,455,253
1912	60,103	460	27,671,114	2,213,689	9,574,474	19.40	185,790,341
1911	64,855	434	28,126,313	2,250,105	9,718,741	18.52	179,974,358
1910	68,966	503	34,686,137	2,774,891	9,725,684	18.01	175,115,742
1909	70,488	410	28,928,347	2,314,267	9,578,323	17.54	167,966,577
1908	67,937	440	29,870,966	2,389,677	9,621,683	17.05	164,077,282
1907	68,644	441	30,260,315	2,420,825	9,750,615	18.09	176,354,759
1906	69,352	474	32,863,192	2,629,055	8,962,925	16.13	144,570,075
1905	69,035	481	33,216,930	2,657,354	8,897,898	16.05	142,804,431
1904	71,344	471	33,595,440	2,687,635	8,673,525	15.48	134,304,690
1903	80,918	516	41,768,239	3,341,459	8,731,405	15.65	136,657,807
1902	76,553	511	39,140,924	3,131,274	8,677,988	16.87	146,421,171
1901	61,095	486	29,683,324	2,374,666	8,667,512	14.81	128,325,648
1900	54,543	453	24,728,525	1,978,282	8,794,953	13.05	114,758,761
1899	53,401	391	20,898,387	1,671,871	8,753,926	12.08	105,771,321
1898	47,923	458	21,957,564	1,756,605	8,835,272	12.51	110,528,947
1897	41,175	440	18,103,387	1,448,271	8,701,705	12.29	106,952,471
1896	36,101	467	16,849,401	1,347,952	8,511,444	10.44	88,900,135
1895	34,383	464	15,961,502	1,276,920	8,321,173	11.98	99,655,895
1894	27,670	417	11,532,127	922,570	8,227,153	11.43	94,055,392
1893	21,519	399	8,582,568	686,605	8,054,612	12.65	101,886,557
1892	22,026	470	10,350,474	828,038	8,080,206	13.68	110,562,493
1891	22,961	513	11,779,448	942,356	7,834,213	16.70	130,866,023
1890	25,953	447	11,594,518	927,561	7,912,297	14.46	114,382,305
1889	21,211	341	7,223,478	577,878	7,758,583	13.73	106,500,799
1888	21,459	467	10,020,659	801,653	7,616,350	16.31	124,244,503
1887	17,924	318	5,695,761	455,661	7,429,084	13.40	99,583,524
Annual Averages:							
1932–1941	32,429	411	13,315,696	1,599,795	9,066,979	15.94	140,474,327
1922–1931	33,583	404	13,572,069	2,499,006	10,148,736	2219.	225,244,606
1912–1921	45,147	422	19,038,931	2,954,339	*9,785,960	27.31	*267,211,002
1902–1911	70,809	470	33,245,680	2,659,654	9,233,879	16.98	156,824,689
1882–1946	38,670	437	16,911,123	1,967,480	8,993,256	19.13	172,052,009

*Including Flax, 1918–1921.

No statistics of "mixed grains" were taken previous to 1907, when an acreage of 443,100 was estimated.

The following table gives the area in Cleared Pasture for the years 1909 to 1946.

Years	Pasture (cleared)	Years	Pasture (cleared)
	Acres		Acres
1946	3,209,000	1927	3,012,786
1945	3,135,000	1926	3,077,424
1944	2,939,000	1925	3,193,941
1943	2,915,000	1924	3,317,532
1942	2,717,000	1923	3,472,642
1941	2,701,000	1922	3,401,033
1940	2,712,000	1921	3,401,998
1939	2,749,462	1920	3,432,620
1938	2,793,291	1919	3,499,802
1937	2,782,811	1918	3,561,754
1936	2,828,310	1917	3,509,945
1935	2,831,416	1916	3,409,581
1934	2,908,275	1915	3,350,420
1933	2,995,468	1914	3,302,503
1932	3,012,529	1913	3,120,146
1931	3,039,026	1912	3,082,671
1930	3,149,460	1911	3,116,768
1929	3,134,614	1910	3,159,712
1928	3,000,172	1909	3,180,780

ALSIKE AND SWEET CLOVER

The following table gives the area, produce and market value of Alsike and Sweet Clover for the years 1925 to 1946.

Years	Alsike				Sweet Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
1946	54,000	1.44	77,800	720,000	158,000	2.05	324,000	2,812,000
1945	55,000	1.55	85,300	853,000	189,000	2.32	438,500	4,385,000
1944	52,700	1.44	75,900	778,000	183,000	2.10	384,000	2,573,000
1943	54,000	1.50	81,000	792,000	187,000	2.19	410,000	2,628,000
1942	36,500	1.43	52,000	509,000	182,000	2.15	391,000	2,389,000
1941	80,000	1.09	87,000	835,000	210,000	1.76	370,000	2,353,000
1940	71,700	1.50	108,000	665,000	238,700	2.26	539,000	2,382,000
1939	82,297	1.31	108,000	751,000	239,370	2.12	507,000	2,618,000
1938	95,405	1.37	130,834	779,778	233,594	2.12	496,328	2,451,863
1937	55,867	1.37	76,268	515,752	191,360	2.06	393,800	1,900,548
1936	78,570	1.30	102,277	711,660	309,407	1.94	598,902	2,977,973
1935	59,071	1.54	90,969	559,749	289,956	2.39	693,022	2,966,209
1934	67,386	1.09	73,503	844,704	284,224	1.77	502,960	4,728,875
1933	92,306	1.36	125,844	882,624	303,072	2.08	630,039	3,244,726
1932	95,113	1.51	143,668	918,106	318,552	2.21	705,119	3,701,809
1931	97,128	1.57	152,516	1,276,341	306,067	2.19	669,446	4,519,783
1930	141,480	1.46	206,020	2,010,571	338,234	2.08	704,281	5,363,894
1929	189,848	1.53	289,560	2,958,780	388,106	2.07	803,576	6,595,169
1928	155,867	1.51	235,325	2,457,119	413,468	2.24	924,608	7,067,707
1927	176,870	1.64	290,345	2,991,247	400,296	2.32	927,342	7,075,797
1926	129,477	1.39	179,664	2,217,556	365,102	2.22	810,852	7,222,221
1925	177,382	1.46	259,649	2,855,850	344,114	2.30	792,340	7,144,050

Ratios of Area under Crop

The following table shows the number of acres under the various crops per 1,000 acres of cleared land for the years 1882 to 1946, together with the annual averages for the various periods of ten years and for the whole term of years.

Year	Fall Wheat	Spring Wheat	Barley	Oats	Peas, Dry	Beans, Dry	Rye	Buckwheat	Corn	Potatoes	*Roots	Hay and Clover	Mixed Grains
1946	35.9	2.5	19.2	107.3	2.3	5.0	4.3	7.6	38.1	7.9	4.0	179.9	62.1
1945	44.5	2.4	20.1	100.4	2.3	5.4	4.5	10.0	37.3	7.7	3.8	182.3	62.2
1944	44.1	2.5	21.8	113.2	2.3	5.4	4.3	9.3	37.4	7.9	3.9	177.3	64.9
1943	39.6	2.5	18.4	96.1	2.1	4.5	4.2	10.5	32.8	7.7	3.8	173.1	59.0
1942	49.7	2.8	23.2	129.1	2.2	4.1	5.2	8.3	36.6	8.0	3.8	163.4	75.6
1941	37.3	3.0	24.0	129.6	2.4	6.2	4.9	7.7	35.6	7.9	4.0	161.4	76.7
1940	50.8	4.5	32.7	147.6	3.6	5.6	5.3	11.9	34.4	9.6	6.4	156.4	59.9
1939	48.2	5.4	34.3	149.2	3.4	4.1	5.0	11.0	34.0	9.3	9.1	157.5	60.0
1938	48.4	5.7	35.5	147.7	3.4	3.9	4.8	12.0	32.8	9.5	8.3	159.3	58.0
1937	46.9	6.1	36.3	147.8	3.8	3.7	4.9	12.7	31.5	9.8	8.3	161.5	58.1
1936	33.5	6.4	34.1	154.2	4.4	3.7	3.5	12.9	31.0	9.5	8.8	165.0	62.6
1935	36.5	6.5	34.4	156.2	4.5	3.7	3.9	12.3	32.4	9.8	9.1	166.2	60.9
1934	28.0	6.4	32.0	157.5	4.5	3.3	3.7	14.1	31.9	10.8	9.1	172.6	62.0
1933	36.8	6.4	30.4	152.4	3.9	3.4	3.6	13.6	27.8	10.4	8.7	182.3	62.3
1932	35.3	6.6	30.1	154.1	3.9	4.1	3.8	13.0	27.4	10.3	8.8	183.2	65.0
1931	34.6	6.5	28.8	153.5	3.9	5.0	4.1	11.8	25.6	11.1	9.2	188.3	66.7
1930	44.6	6.5	40.2	162.6	5.3	4.4	3.5	18.1	29.1	10.5	9.4	187.7	63.1
1929	45.6	7.0	41.0	154.0	5.2	4.2	3.4	19.4	26.9	9.8	9.3	192.2	58.9
1928	45.8	7.2	40.6	175.5	7.3	3.4	4.4	17.9	27.0	12.0	10.1	185.5	59.8
1927	49.6	7.9	34.0	177.7	7.0	3.1	4.8	16.5	28.4	10.6	9.5	187.1	52.8
1926	53.4	7.6	29.7	187.3	6.5	3.4	5.7	15.5	36.2	10.2	9.8	191.1	51.0
1925	49.5	7.5	28.9	187.9	8.8	4.0	6.5	17.1	38.5	10.8	9.8	234.7	45.1
1924	47.9	6.7	29.1	191.7	8.7	3.5	8.4	15.9	44.2	11.2	9.6	235.1	42.8
1923	47.6	7.4	30.1	197.1	7.8	2.7	8.2	15.3	46.2	10.9	8.3	238.9	43.1
1922	54.2	8.3	28.9	202.1	7.0	2.7	10.2	13.2	46.9	11.5	8.4	238.1	36.8
1921	41.4	10.2	30.8	206.1	7.1	1.8	8.2	9.9	45.9	10.9	8.8	236.5	41.2
1920	51.0	17.9	32.4	192.5	7.3	1.5	8.9	9.6	46.3	10.5	10.4	247.1	38.9
1919	41.6	24.2	38.2	179.5	8.5	1.5	9.4	12.0	41.7	10.6	9.9	245.3	42.2
1918	24.5	23.8	44.6	197.6	7.7	6.8	7.6	15.1	38.9	11.2	10.3	244.2	41.9
1917	39.8	12.4	37.4	187.6	6.1	7.5	9.0	10.4	52.3	10.0	11.4	240.9	35.0
1916	47.9	9.8	35.9	183.0	6.5	3.7	10.1	15.6	47.5	9.5	10.8	236.2	33.1
1915	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
1914	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
1913	44.5	8.0	43.0	186.0	12.2	4.6	8.2	15.7	47.4	11.0	12.0	236.2	28.5
1912	52.6	8.5	44.8	180.1	15.3	4.8	7.4	14.3	47.0	11.0	12.8	233.1	31.0
1911	58.2	9.3	42.9	187.7	21.2	3.6	6.9	13.1	44.8	11.3	13.4	229.6	33.8
1910	51.9	9.0	43.7	192.5	28.2	3.5	6.6	13.6	45.2	11.8	14.5	223.7	34.8
1909	46.5	9.5	48.8	189.0	26.7	3.2	6.6	12.4	42.9	11.9	14.5	226.5	33.3
1908	48.1	10.1	51.9	196.3	28.1	3.3	6.2	9.9	37.7	11.8	14.9	230.2	32.3
1907	47.9	10.2	54.3	207.7	24.1	3.4	4.8	8.0	38.2	12.6	15.1	233.0	31.4
1906	55.8	12.2	53.6	192.6	29.1	3.6	5.7	7.5	33.3	9.7	14.7	217.6	.....
1905	57.2	13.6	55.5	191.5	26.9	3.6	7.3	7.3	34.4	9.5	15.1	216.8	.....
1904	43.8	16.3	55.9	192.2	24.6	3.7	9.5	7.3	37.9	9.7	15.3	211.9	.....
1903	48.8	18.2	52.0	193.4	29.9	3.9	13.1	7.0	43.2	10.2	16.4	204.0	.....
1902	55.2	22.3	48.8	184.3	39.2	4.0	13.9	6.9	42.9	10.7	16.3	195.0	.....
1901	67.8	26.6	47.4	179.3	44.9	4.0	11.8	6.6	38.8	11.5	16.1	190.3	.....
1900	80.4	28.3	43.4	180.4	49.8	3.3	10.7	7.7	38.4	12.3	16.7	190.0	.....
1899	80.1	30.4	37.4	180.3	56.7	3.1	10.5	10.1	38.6	12.8	16.6	191.1	.....
1898	80.7	30.0	33.8	182.9	66.6	3.4	12.7	11.5	40.1	13.1	16.4	188.8	.....
1897	73.9	25.2	35.1	189.3	69.8	3.9	14.6	11.8	42.3	13.2	15.7	182.2	.....
1896	69.2	20.2	36.5	191.4	65.5	5.4	11.7	11.5	39.2	14.1	15.4	191.5	.....
1895	59.8	18.0	38.5	191.0	64.4	5.8	9.7	10.9	36.4	14.9	16.0	204.2	.....
1894	63.4	18.7	39.6	190.6	63.9	4.8	7.3	11.8	30.8	13.6	15.2	209.6	.....
1893	75.5	29.4	38.6	159.9	61.0	4.0	5.6	11.0	25.9	11.8	13.9	228.4	.....
1892	80.6	54.3	41.7	155.3	64.6	2.8	6.1	10.4	22.8	12.2	13.4	209.8	.....
1891	72.0	43.3	46.9	156.0	63.8	3.5	5.7	9.1	20.4	13.6	13.4	216.1	.....
1890	61.8	51.6	60.2	161.5	67.0	3.4	8.8	7.7	19.2	13.6	12.7	211.2	.....
1889	71.6	34.7	76.3	167.6	61.7	1.9	7.9	4.9	16.3	12.7	12.5	208.0	.....
1888	73.2	32.5	79.2	163.6	61.6	2.0	7.4	5.1	19.7	13.6	12.9	202.8	.....
1887	80.8	43.6	69.1	151.5	65.4	1.9	6.2	5.8	14.7	12.6	11.9	205.3	.....
1886	81.0	52.8	67.3	148.3	64.4	1.9	6.2	6.5	14.3	12.8	11.5	209.8	.....
Annual Averages:													
1932–1941	40.2	5.7	32.4	149.6	3.8	4.2	4.3	12.1	31.9	9.7	6.1	166.5	62.6
1922–1931	47.3	7.3	33.1	178.9	6.7	3.6	5.9	16.1	34.9	10.9	9.3	207.8	52.0
1912–1921	44.5	13.4	38.4	189.9	9.1	4.0	9.0	12.9	46.6	10.0	11.0	237.5	35.6
1902–1911	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	†33.1
1882–1946	54.1	16.9	40.8	170.9	23.8	3.8	7.4	11.3	35.4	11.2	9.7	202.2	‡31.5

*Mangels and turnips. †1907–1911. ‡1907–1946

MARKET PRICES

The following table gives the average Market Prices of Agricultural Products for the years 1882 to 1946, together with the annual averages for the various periods of ten years and for the whole term of years.

Years	Fall Wheat per bush.	Spring Wheat per bush.	Oats per bush.	Barley per bush.	Peas per bush.	Beans per bush.	Rye per bush.	Buckwheat per bush.	Corn (shelled) per bush.	Hay per ton	Potatoes per cwt.
	cents	cents	cents	cents	cents	$ c.	cents	cents	cents	$ c.	cents
1946	123.0	122.0	54.0	72.0	284.0	2.97	183.0	76.0	106.0	10.86	185.0
1945	108.0	108.0	56.0	71.0	300.0	2.50	95.0	77.0	104.0	11.28	235.0
1944	109.0	108.0	55 0	68.0	275 0	2.50	86.0	75.0	99.0	10.57	177.3
1943	107.0	106.0	55.0	66.0	206.0	2.15	86.0	74.0	88.0	9.37	227.0
1942	88.0	88.0	44.0	57.0	199.0	1.50	65.0	61.0	80.0	8.89	170.0
1941	94.0	90.0	44.0	56.0	187.0	1.65	66.0	58.0	74 0	10 48	120.0
1940	63.0	65.0	32.0	44.0	187.0	1.75	50.0	46.0	55.0	6.56	111.0
1939	64.0	66.0	34.0	46.0	177.0	2.25	58.0	52.0	55.0	7.61	113.0
1938	56.0	58.0	27.9	40.8	150 0	1.00	43.5	41.1	43.0	6.92	77.8
1937	103.9	102.4	42.1	58.5	156 0	1 07	78.0	59.6	60.5	7.14	60.4
1936	109.0	108.0	48.0	80.0	155.0	2.02	84.0	69.0	68 0	8.79	135.0
1935	71.0	73.0	28.0	40.0	95.0	1.45	40.0	40.0	45.0	7.08	100.0
1934	88.0	85.0	35.0	50.0	85.0	1.27	55.0	47.0	65.0	12.62	55.0
1933	66.0	67.0	33.0	41.0	80.0	.92	51.0	42.0	56.0	8.41	100 0
1932	46.0	45.0	25.0	36.0	65.0	.49	37.0	35.0	45.0	7.24	69.0
1931	51.6	50.9	25.0	36.5	62.6	.58	41.9	42.3	39.8	8.43	39.3
1930	66.3	65.5	29.7	35.9	104.8	1.44	48.5	51.7	69.3	10.42	99.5
1929	124.0	125.2	62.4	76.5	163.0	3.03	97.1	83.2	100.2	11.28	180.0
1928	122.0	119.2	55.5	74.2	152.8	3.83	95.2	81.5	102.2	11.23	93.0
1927	124.7	122.1	57.3	77.6	149.8	2.35	95.3	77.9	99.5	11.02	147.0
1926	125.1	125.1	51.8	68.0	150.6	2.34	87.2	77.0	80.3	12.75	188.2
1925	133.6	133.0	45.2	68.1	135.5	2.11	87.1	73.2	88.6	11.61	228.2
1924	133.9	137.0	54.2	82.2	151.1	2.29	107.5	86.7	105.3	10.91	89.2
1923	96.2	96.3	45.4	62.8	144.8	2.43	73.7	73.2	75.5	11.05	124.7
1922	104.6	105.1	43.5	61.3	140.3	2.54	78.4	73.5	69.9	12.03	85.0
1921	110.5	109.4	50.4	65.7	153.0	2.35	82.6	74.0	59.1	19.27	147.0
1920	193.4	183.8	58.2	93.8	193.3	2.88	142.0	105.5	99.6	24.25	165.3
1919	237.2	240.9	97.7	145.8	263.9	4.00	159.1	140.7	162.3	22.68	275.3
1918	210.9	208.6	75.0	103.6	217.7	4.49	151.7	135.0	157.4	18.13	165.5
1917	209.8	209.7	77.9	125.7	321.0	6.91	162.6	142.9	186.0	11.81	205.3
1916	161.3	162.2	66.0	101.9	210.5	5.46	118.8	109.0	111.5	10.60	216.8
1915	97.1	98.6	39.5	56.0	161.6	3.11	78.9	71.5	68.1	14.51	135.7
1914	109.1	107.9	49.5	64.3	136.6	2.14	84.9	71.5	68.6	14.55	73.3
1913	85.0	87.9	36.9	55.5	100.6	1.70	66.2	63.5	64.5	13.07	106.2
1912	91.7	90.0	38.6	58.7	110.3	1.93	70.0	54.5	55.8	11.77	106.2
1911	86.6	90.7	44.2	73.9	98.2	1.90	84.9	60.4	66.3	13.16	140.3
1910	86.6	89.6	35.0	52.0	80.7	1.55	63.2	50.0	56.0	9.91	82.0
1909	102.3	100.6	39.5	54.8	84.6	1.61	67.4	53.4	64.4	12.81	60.8
1908	89.2	90.8	40.3	52.4	82.7	1.48	69.7	54.2	60.0	10.25	79.8
1907	92.7	86.4	48.8	59.4	78.0	1.52	69.4	57.4	42.6	15.11	97.2
1906	70.7	68.9	34.0	45.0	70.6	1.39	60.9	49.5	56.4	9.10	89.7
1905	76.5	74.9	33.6	42.9	65.3	1.32	56.8	50.0	55.4	7.72	76.7
1904	98.7	94.2	32.3	43.7	63.0	1.22	57.6	48.6	56.1	7.97	84.5
1903	75.1	74.4	29.3	42.1	64.3	1.41	48.6	44.3	55.4	7.94	73.5
1902	70.7	69.6	34.8	45.1	71.0	1.35	50.5	48.0	60.9	8.15	94.3
1901	66.1	66.8	36.2	45.0	65.3	1.25	49.3	48.4	57.0	7.99	71.0
1900	66.4	67.5	26.5	38.9	57.1	1.00	48.5	43.7	47.6	8.48	43.5
1899	66.7	66.5	27.7	39.5	57.3	1.08	50.0	45.5	29.7	7.72	54.7
1898	69.4	69.2	25.8	38.0	52.2	.70	43.5	38.2	30.2	6.22	73.5
1897	78.2	78.6	22.6	27.0	42.1	.65	37.7	30.0	29.6	7.18	66.5
1896	71.0	70.6	20.0	31.6	44.0	.68	36.6	30.5	29.4	9.68	43.5
1895	69.3	69.8	29.1	40.4	54.8	.95	45.6	36.8	33.9	12.30	33.7
1894	55.0	55.5	30.8	40 5	53.6	1.10	44.2	39.2	39.2	7.56	59.0
1893	59.9	59.4	33.2	40.1	54.0	1.18	47.5	41.8	39.8	7.64	65.8
1892	70.7	67.8	30.8	41.3	59.0	.99	55.8	42.2	39.5	8.20	84.0
1891	95.1	92.9	36.5	49.1	63.8	1.06	72.3	44.1	46.7	11.91	54.3
1890	94.2	91.3	41.1	50.2	60.3	1.29	52.7	43.0	45.8	7.95	74.0
1889	88.4	88.1	30.5	44.0	55.7	1.27	50.9	39.5	38.9	9.98	75.8
1888	102.4	99.3	40.5	60.1	65.4	1.14	60.2	49.3	44.0	16.17	52.8
1887	78.4	78.0	34.6	56.7	55.9	.98	49.5	45.0	43.1	11.62	104.7
Annual Averages											
1932–1941	74.0	75.1	34.4	48.9	127.2	1.41	56.0	48.3	57.5	8.06	91.0
1922–1931	110.6	108.5	47.1	64.2	139.3	2.23	83.2	73.3	81.6	11.08	121.0
1912–1921	144.5	171.6	58.5	86.0	172.3	2.35	111.4	94.4	93.5	15.88	150.2
1902–1911	83.6	81.2	36.7	50.1	74.8	1.48	60.2	52.4	57.3	9.97	85.7
1882–1946	95.1	96.4	42.0	57.9	72.7	1.86	73.7	63.8	*66.1	10.77	103.0

*Average for 54 years, 1892-1946

STATISTICS OF LIVE STOCK

Number of Live Stock on Hand

The following table gives the number of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the sixty-three years, 1883–1946.

Years	Horses	Cattle	Sheep	Swine	Poultry
	No.	No.	No.	No.	No.
1946	466,710	2,868,500	701,080	2,013,300	29,772,000
1945	491,287	2,893,819	724,257	1,979,000	28,648,330
1944	506,607	2,744,810	736,783	1,900,000	27,467,483
1943	522,187	2,692,672	737,486	1,885,600	26,692,812
1942	526,976	2,639,212	688,904	1,861,298	24,621,791
1941	533,742	2,641,046	661,900	1,922,357	23,092,833
1940	559,863	2,518,350	694,600	1,997,957	22,901,148
1939	559,468	2,488,041	735,500	1,546,095	22,841,667
1938	560,711	2,492,258	762,000	1,430,309	22,420,047
1937	557,845	2,453,081	793,000	1,457,886	22,536,141
1936	562,916	2,474,194	819,100	1,408,308	22,958,383
1935	562,877	2,469,231	889,700	1,225,310	22,961,834
1934	563,657	2,494,471	920,500	1,177,913	22,802,578
1933	567,093	2,522,180	972,900	1,257,870	22,991,456
1932	578,615	2,528,615	1,025,400	1,375,115	22,929,143
1931	578,157	2,509,205	1,044,600	1,359,176	23,736,125
1930	606,719	2,675,488	1,134,457	1,661,556	22,560,260
1929	606,505	2,671,594	1,130,395	1,681,263	22,045,091
1928	609,249	2,682,053	1,014,106	1,833,538	19,703,576
1927	617,136	2,709,954	956,267	1,883,177	19,048,045
1926	629,659	2,757,799	886,483	1,735,355	17,693,000
1925	644,138	2,809,373	868,526	1,678,595	17,778,581
1924	663,875	2,917,302	870,279	1,807,963	16,751,345
1923	673,371	2,838,087	907,673	1,734,734	15,203,384
1922	685,852	2,836,181	986,617	1,553,434	13,964,317
1921	694,237	2,890,113	1,081,828	1,563,807	11,458,206
1920	704,640	2,881,827	1,129,084	1,614,356	11,005,645
1919	719,569	2,927,191	1,101,740	1,695,487	11,705,809
1918	732,977	2,867,722	972,341	1,656,386	12,281,105
1917	765,873	2,827,609	956,986	1,664,639	13,606,292
1916	775,732	2,734,767	908,066	1,735,254	14,377,844
1915	779,131	2,674,746	908,095	1,769,295	14,273,091
1914	774,544	2,604,628	922,375	1,770,533	14,175,214
1913	751,726	2,628,845	996,155	1,618,734	13,511,383
1912	742,139	2,624,780	1,021,848	1,702,652	13,024,938
1911	737,916	2,593,205	1,040,245	1,744,983	12,942,293
1910	724,384	2,567,128	1,065,101	1,561,042	12,460,787
1909	728,308	2,668,584	1,130,667	1,551,187	12,086,580
1908	726,471	2,824,859	1,143,898	1,818,763	12,285,613
1907	725,666	2,926,236	1,106,083	2,049,666	13,428,076
1906	688,147	2,963,618	1,304,809	1,819,778	10,254,824
1905	672,781	2,889,503	1,324,153	1,906,460	9,738,493
1904	655,554	2,776,304	1,455,482	2,008,984	9,412,683
1903	639,581	2,674,261	1,642,627	1,977,386	9,683,573
1902	626,106	2,562,584	1,715,513	1,684,635	9,762,808
1901	620,343	2,507,620	1,761,799	1,491,885	9,745,236
1900	617,309	2,429,330	1,797,213	1,771,641	9,541,241
1899	615,524	2,318,355	1,772,604	1,971,070	9,344,024
1898	611,241	2,215,943	1,677,014	1,640,787	9,084,273
1897	813,670	2,182,326	1,690,350	1,284,963	8,435,341
1896	624,749	2,181,958	1,849,348	1,269,631	7,734,167
1895	647,696	2,150,103	2,022,735	1,299,072	7,752,840
1894	674,777	2,099,301	2,015,805	1,142,133	7,552,662
1893	685,187	2,057,882	1,935,938	1,012,022	7,114,436
1892	688,814	2,029,140	1,850,473	996,974	7,078,973
1891	678,459	1,978,815	1,693,751	1,156,316	7,006,090
1890	659,636	1,894,712	1,339,695	1,140,559	6,854,864
1889	618,795	1,891,899	1,344,180	835,469	6,304,298
1888	596,218	1,928,638	1,349,044	819,079	6,164,114
1887	575,361	1,948,264	1,396,161	832,817	6,438,361
1886	569,649	2,018,173	1,610,949	860,125	6,968,915
1885	558,809	1,976,480	1,755,605	822,262	6,336,805
1884	535,953	1,925,670	1,890,733	916,158	6,237,606
1883	560,133	1,828,613	1,868,784	906,727	5,847,344

VALUE OF LIVE STOCK ON HAND

The following table gives the value of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the sixty-three years, 1883–1946, except for the ten years, 1882–1891, when farm live stock was valued in bulk.

Years	Horses	Cattle	Sheep	Swine	Poultry	Total
	$	$	$	$	$	$
1946	41,965,000	206,991,000	8,266,000	44,716,000	28,283,000	330,221,000
1945	44,165,000	183,326,000	6,714,000	36,921,000	25,762,000	292,688,000
1944	44,581,000	151,655,000	5,612,000	22,720,000	18,224,000	242,792,000
1943	44,909,000	145,061,000	5,833,500	20,800,000	16,929,000	233,532,500
1942	47,779,000	125,648,900	5,797,000	21,317,966	13,163,448	213,706,314
1941	45,633,501	119,265,685	5,117,342	19,580,527	11,230,889	200,827,944
1940	57,885,423	102,535,567	6,458,560	20,690,702	14,600,381	202,170,633
1939	63,494,747	90,905,107	5,666,615	17,066,957	14,448,250	191,581,676
1938	54,709,549	88,251,957	5,805,219	18,751,968	13,698,332	181,217,025
1937	57,286,273	93,360,874	6,088,540	15,462,386	13,989,813	186,187,886
1936	61,229,630	76,949,305	5,790,872	13,313,339	12,416,378	169,699,524
1935	57,946,376	72,031,320	5,488,972	12,348,955	11,987,918	159,803,541
1934	54,492,559	66,581,103	5,335,210	10,971,007	11,631,434	149,011,313
1933	49,889,016	69,379,352	5,533,134	8,732,796	12,036,762	145,571,060
1932	43,507,517	78,323,693	5,111,312	7,219,718	10,418,176	144,580,416
1931	50,528,572	91,834,417	6,652,107	11,987,324	10,729,925	171,732,345
1930	60,606,827	136,496,344	10,835,770	18,643,164	13,372,682	239,954,787
1929	66,603,793	150,480,760	12,457,554	20,430,803	13,473,814	263,446,724
1928	67,085,352	128,937,680	11,209,872	19,808,890	12,452,203	239,493,997
1927	66,724,527	117,162,152	10,433,761	24,159,535	12,333,645	231,145,720
1926	68,239,756	115,386,214	9,688,685	24,525,126	12,400,985	230,240,766
1925	69,787,791	115,844,069	9,576,722	24,424,238	13,527,454	233,160,274
1924	72,617,565	113,046,599	7,081,500	16,201,699	13,446,621	222,393,984
1923	74,542,351	109,467,066	6,597,087	19,018,668	12,401,083	222,026,255
1922	74,535,855	103,899,416	6,612.959	16,550,636	12,241,252	213,840,118
1921	75,680,750	103,861,565	8,207,564	19,205,488	11,168,318	218,123,685
1920	89,606,594	176,897,490	16,191,741	32,253,804	11,787,708	326,737,337
1919	92,823,683	184,041,594	18,128,240	33,263,051	11,351,364	339,607,932
1918	95,710,928	172,259,261	15,690,055	31,140,181	9,307,051	324,107,476
1917	99,439,558	150,309,828	9,946,030	21,464,366	8,517,195	289,676,977
1916	101,434,391	128,324,526	7,386,710	18,790,755	7,933,157	263,869,539
1915	107,982,037	115,363,336	6,403,907	17,562,726	7,670,326	254,982,332
1914	112,576,793	106,635,148	6,155,451	17,951,258	7,551,428	250,870,078
1913	113,240,047	95,759,022	6,242,672	15,393,192	6,956,952	237,591,885
1912	109,000,214	90,403,902	6,181,595	14,141,908	6,121,323	225,848,942
1911	103,373,206	84,634,962	6,213,021	14,593,917	5,905,318	214,720,424
1910	92,757,431	76,872,723	6,127,018	13,265,834	5,393,031	194,416,037
1909	87,682,689	75,247,197	6,262,493	11,144,135	4,411,386	184,747,900
1908	85,847,391	77,255,267	6,336,265	12,135,979	4,439,854	186,014,756
1907	85,041,144	79,485,780	5,928,325	14,174,502	4,854,381	189,484,132
1906	79,814,953	80,303,276	6,721,119	12,770,708	3,697,338	183,307,394
1905	73,911,177	76,764,482	6,191,774	12,280,667	3,335,660	172,483,760
1904	68,138,228	72,821,003	6,425,100	12,921,743	3,077,029	163,383,103
1903	61,811,456	69,289,924	7,228,498	13,023,743	2,973,646	154,327,267
1902	55,173,637	63,517,342	7,634,284	11,262,265	2,957,286	140,544,814
1901	50,038,465	59,527,119	7,772,793	9,298,712	2,859,172	129,496,261
1900	46,916,999	56,320,810	7,711,496	9,598,153	2,727,363	123,274,821
1899	42,713,557	52,938,500	7,315,729	10,180,338	2,658,321	115,806,445
1898	38,659,896	47,286,254	6,499,695	8,720,242	2,578,136	103,744,223
1897	36,111,805	42,683,557	6,003,194	6,533,210	2,318,038	93,649,804
1896	37,185,692	44,383,638	6,652,202	6,505,227	2,130,807	96,857,566
1895	40,283,754	46,708,017	7,708,442	7,101,211	2,156,623	103,958,047
1894	46,245,614	47,577,587	8,606,671	6,909,262	2,208,518	111,547,652
1893	50,527,472	47,718,025	9,016,118	6,622,129	2,187,158	116,070,902
1892	55,812,920	45,548,475	8,569,557	5,479,093	2,091,450	117,501,495
1891	....	....	....	....	....	108,721,076
1890	....	....	....	....	....	104,086,626
1889	....	....	....	....	....	105,731,288
1888	....	....	....	....	....	102,839,235
1887	....	....	....	....	....	104,406,655
1886	....	....	....	....	....	107,208,935
1885	....	....	....	....	....	100,690,086
1884	....	....	....	....	....	103,106,829
1883	....	....	....	....	....	100.082,365

VALUES PER HEAD OF LIVE STOCK AND POULTRY ON HAND FOR THE YEARS 1892 TO 1946

Years	Horses all Ages	Cattle		Sheep and Lambs	Swine all Ages	Poultry all Kinds
		Milch Cows	Other Cattle			
	$	$ c.	$ c.	$ c.	$ c.	$ c.
1946	90	110 20	42 76	11 79	22 21	95
1945	90	95 40	38 89	9 27	18 66	90
1944	88	81 53	35 21	7 62	11 96	66
1943	86	79 32	34 33	7 91	11 03	63
1942	90	68 69	31 33	8 41	11 45	53
1941	85	65 20	29 89	7 73	10 19	49
1940	103	55 42	27 43	7 88	10 36	64
1939	113	49 42	24 86	6 69	11 04	63
1938	98	46 75	28 39	6 76	13 11	61
1937	103	47 96	28 92	6 96	10 60	62
1936	109	43 40	19 86	6 53	9 45	54
1935	103	40 56	18 71	5 80	10 08	52
1934	97	36 94	17 53	5 54	9 31	51
1933	88	38 41	17 87	5 73	6 94	52
1932	75	43 42	20 18	4 92	5 25	45
1931	87	52 79	22 49	6 37	8 81	45
1930	100	73 11	32 42	9 55	11 22	59
1929	110	80 34	35 61	11 02	12 15	61
1928	110	68 33	30 09	11 05	10 80	63
1927	108	60 92	27 05	10 91	12 83	65
1926	108	59 14	26 84	10 93	14 13	70
1925	108	58 55	27 70	11 03	14 55	76
1924	109	55 41	27 05	8 14	8 96	80
1923	111	55 24	25 14	7 27	10 96	82
1922	109	52 68	24 25	6 70	10 65	88
1921	109	51 56	24 77	7 59	12 28	97
1920	127	85 84	44 67	14 34	19 98	1 07
1919	129	88 71	46 37	16 45	19 62	97
1918	131	83 55	45 52	16 14	18 80	76
1917	130	75 54	39 55	10 39	12 89	63
1916	131	66 35	34 91	8 13	10 83	55
1915	139	60 83	32 18	7 05	9 93	54
1914	145	57 01	30 81	6 67	10 14	53
1913	151	50 56	27 29	6 27	9 51	51
1912	147	47 82	25 61	6 05	8 31	47
1911	140	45 31	24 07	5 97	8 36	46
1910	128	40 76	22 43	5 75	8 50	43
1909	120	38 19	21 45	5 54	7 18	37
1908	118	36 90	21 13	5 54	6 67	36
1907	117	36 43	21 15	5 36	6 92	36
1906	116	35 99	21 62	5 15	7 02	36
1905	110	35 06	21 29	4 68	6 44	34
1904	104	34 70	20 84	4 41	6 43	33
1903	97	34 15	20 58	4 40	6 59	31
1902	88	32 96	19 46	4 45	6 69	30
1901	81	31 74	18 57	4 41	6 23	29
1900	76	31 01	17 93	4 29	5 42	29
1899	69	30 31	17 41	4 13	5 16	28
1898	63	28 28	15 98	3 88	5 31	28
1897	59	26 13	14 58	3 55	5 08	27
1896	60	27 60	15 05	3 60	5 12	28
1895	62	29 74	16 08	3 81	5 47	28
1894	69	31 02	17 15	4 27	6 05	29
1893	74	31 63	17 78	4 66	6 54	31
1892	81	29 95	17 69	4 63	5 50	30

FORTY-FIFTH ANNUAL REPORT

OF THE

Ontario Northland Transportation Commission

(Formerly Temiskaming & Northern Ontario Railway Commission)

ONTARIO GOVERNMENT RAILWAY
Honourable George A. Drew, K.C., Prime Minister

FOR THE YEAR ENDED
March 31st, 1946

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 23, 1947

ONTARIO

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1947

To The Honourable Albert Matthews, LL.D.,

Lieutenant-Governor, the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour of presenting to your Honour the Forty-fifth Annual Report of the Ontario Northland Transportation Commission (formerly Temiskaming and Northern Ontario Railway Commission) for the year ended March 31, 1946.

Respectfully submitted,

G. A. DREW,

Prime Minister and President of the Council.

ONTARIO NORTHLAND TRANSPORTATION COMMISSION

North Bay, Ontario
September 1, 1946.

Honourable George A. Drew,
Prime Minister,
Province of Ontario,
Parliament Buildings,
Toronto, Ontario.

Sir:

In conformity with Section 36 of the Temiskaming and Northern Ontario Railway Act, Chapter 55, Revised Statutes of Ontario and the Ontario Northland Transportation Commission Amendment Act, 1946, I have the honour of submitting the Forty-fifth Annual Report of the Ontario Northland Transportation Commission for the year ended March 31, 1946.

Change of Name: The former name of the Commission and of the Railway owned and operated by the Commission appeared inappropriate and led to a certain amount of confusion on account of a United States Railway with the same initials. Accordingly, it was recommended that an amending Act be passed by the Legislature changing the name of the Commission to Ontario Northland Transportation Commission and the name of the Railway to Ontario Northland Railway. The recommendation was acted upon and the new name became effective by proclamation on April 9, 1946.

The policies inaugurated by the Commission were continued throughout the year with the view of promoting not only the use of the railway facilities of the Commission to the fullest extent, but also with the view of encouraging and developing the territory we serve in particular and Northern Ontario in general. The programme of rehabilitating the boat service on Lake Temagami was carried on and plans made for a new boat service on Lake Nipissing. Both these services will have very favourable reactions on the tourist industry which is of such vital importance not only to the Province but to the economy of the entire country.

Further investigations into the tourist possibilities in James Bay have not been encouraging and it is apparent that no great expenditures of capital in that area can be justified. Plans for a hotel at Moosonee have, therefore, been abandoned for the present at any rate.

The publicity campaign inaugurated in the previous year is being continued and judging by the enquiries received, the campaign is successful in making known the attractions of Northern Ontario in its many forms.

In co-operation with other Departments of the Government, the Commission continues its policy of development of the territory in its manifold activities, and having in mind the incalculable resources of the north it is felt that such activities are fully justified and will redound to the benefit of the Province.

All of which is respectfully submitted.

C. E. REYNOLDS,
Chairman.

ONTARIO NORTHLAND TRANSPORTATION COMMISSION

COLONEL C. E. REYNOLDS, D.S.O., M.C.	Chairman	North Bay
*COLONEL THE HONOURABLE G. ARTHUR WELSH, D.S.O.	Vice-Chairman	Toronto
REGINALD A. AUBERT	Commissioner	Englehart
ROBERT S. POTTER	Commissioner	Matheson

*Appointed April 9, 1946.

PRINCIPAL OFFICERS

A. H. CAVANAGH	General Manager	North Bay
A. FREEMAN	Secretary-Treasurer and Assistant to General Manager	North Bay
T. D. SAUNDERS	Chief Engineer	North Bay
F. G. FOSTER	Chief Mechanical Officer	North Bay
A. JARDINE	Superintendent	Englehart
C. O. BAKER	Traffic Manager	North Bay
G. B. ALFORD	Purchasing Agent and Storekeeper	North Bay
H. W. TESKEY	Auditor of Revenues	North Bay
H. H. McGEE	General Accountant	North Bay
J. B. WILLIS	Paymaster	North Bay
R. P. C. McLEOD	General Freight and Passenger Agent	North Bay
E. A. FRITH	General Superintendent of Communications	North Bay
COL. W. W. JOHNSON, D.S.O., M.C.	Assistant General Manager (Navigation)	Temagami
R. WORKMAN	Transportation Assistant	North Bay

ONTARIO NORTHLAND TRANSPORTATION COMMISSION

North Bay, Ontario,
September 15, 1946.

Colonel C. E. Reynolds, D.S.O., M.C.,
Chairman.

Sir:

I now submit report of operations of the Ontario Northland Railway covering the fiscal year ended March 31, 1946.

RAILWAY EARNINGS AND EXPENSES

Result of Operations as compared with previous year:

	Year Ended March 31, 1946	Year Ended March 31, 1945		Increase or Decrease
Operating Revenues............	$7,827,501.48	$6,605,360.94	(i)	$1,222,140.54
Operating Expenses............	5,872,970.86	5,496,504.60	(i)	376,466.26
Operating Ratio...............	75.0%	83.2%	(d)	8.2%
Net Operating Income..........	1,954,530.62	1,108,856.34	(i)	845,674.28
Non-Operating Income..........	116,396.73	94,380.08	(i)	22,016.65
Gross Income..................	2,070,927.35	1,203,236.42	(i)	867,690.93
Deductions from Gross Income..	680,595.91	474,015.29	(i)	206,580.62
To Profit and Loss Account.....	1,390,331.44	729,221.13	(i)	661,110.31

PROFIT AND LOSS ACCOUNT

The surplus in Profit and Loss account on March 31, 1946, was $11,557,214.71—compared with $10,165,459.81 on March 31, 1945—a net increase of $1,391,754.90.

NET PROFIT

The Net Profit for the year after payment of all expenses including interest on Bonds held by the public and after making provision for depreciation on Rolling Stock and retirement of abandoned facilities was, as noted above, $1,391,754.90. The following table shows the Net Profit in recent years and percentage earned on the Provincial Investment of $30,907,235.

Year Ended	Net Profit	Earnings Rate
March 31, 1942	$1,311,304.97	4.34%
" 31, 1943	1,155,394.56	3.82%
" 31, 1944	1,037,074.82	3.36%
" 31, 1945	718,406.27	2.32%
" 31, 1946	1,391,754.90	4.50%

It will be observed that the trend of net earnings was downward for the war years, but this trend shows a reversal upwards in the year under review. This is accounted for by the very heavy volume of traffic experienced following the return of peace. This rather remarkable situation is emphasized in the following table showing Operating Revenues for the same years:

Year Ended	Operating Revenues
March 31, 1942	$6,277,832.75
" 31, 1943	6,240,648.91
" 31, 1944	6,358,428.95
" 31, 1945	6,605,360.94
" 31, 1946	7,827,501.48

Operating Revenues for the year ended March 31, 1946, are far in excess of any previous year.

FINANCES

At the present time, the Commission has no bank indebtedness whatever. Funded Debt at the end of the year stood at $5,014,000.00 This consists of 4% bonds (non-callable) issued in 1928. Bonds having par value of $141,000.00 matured and were retired February 1, 1946. On March 31, 1946, current assets stood at $2,818,972.22 and current liabilities at $805,684.31.

All investment charges for additions and improvements to property were financed out of current income.

TRAFFIC

Passenger handling facilities were taxed to the utmost as a result of ending of the war. As may be noted from table of Traffic and Mileage Statistics, the number of revenue passengers handled increased from 481,607 in the year ended March 31, 1945, to 514,973 in the year under review. Passenger train service revenue increased from $1,411,928.27 to $1,590,115.74. The comparable figures for the year ended March 31, 1939, were 410,247 revenue passengers carried and $1,091,474.56 passenger train service revenue. This great increase is in part attributable to movements of prisoners-of-war, and in part due to restrictions on highway travel. Movement of prisoners-of-war is now over and with the return to normal conditions of highway travel some falling off in passenger train earnings may be expected.

Freight traffic was also exceedingly heavy during the year. The tons handled being 2,156,856 as compared with 1,982,637. Not only was there an increase in tonnage but the character of freight handled improved. That is to say, a larger percentage of the freight moved was high-grade merchandise with the result that the earnings per ton handled increased.

Long Distance Telephone earnings increased from $360,360.82 to $505,660.20, indicative of the greater business activity generally in the territory served.

All other services were in great demand and increased earnings are apparent in all departments.

IMPROVEMENTS TO PROPERTY

During the year Investment Account was increased by $426,936.41. This included part of cost of construction of a much needed new office building to house the Mechanical Department and the Purchasing Agent and his staff.

A programme of modernizing long distance telephone plant was commenced to keep pace with the rapidly developing demands for such service.

New work equipment for track maintenance was purchased in keeping with the modern trend of mechanizing track maintenance when considered economical to do so.

Numerous new sidings were installed for the convenience of shippers and other improvements such as widening embankments, and use of creosoted ties instead of untreated ties were carried on.

FIRE INSURANCE RESERVE

The experience of carrying our own fire insurance continues to be satisfactory. The Reserve Fund now being $136,024.12 as compared with $118,088.89 a year ago.

PENSION FUNDS

The Commission's Contributory Pension Fund to provide for retirement of employees was reviewed by an Actuary who reported that contributions from both the employees and the Commission were insufficient. This subject is under review with representatives of employees at time of writing.

On March 31, 1946, the number of pensioners on pension list and the monthly disbursements for pensions was:

124	Pensioned Employees—Contributory Fund " Dependents " "	$ 9,062.57
48		
61	" Employees—Non-Contributory Fund.....	2,325.34
	Total monthly disbursements.....................	$11,387.91

RETROSPECT AND PROSPECTS

No major change in wage rates of employees occurred in the year ended March 31, 1946.

During the war years traffic increased moderately in volume on this Railway, at a time when the transcontinental lines were taxed to their utmost. It was the opinion that at the end of hostilities, traffic would decline sharply on the major roads and that a smaller decline would be apparent on our Railway. The forecast with regard to the transcontinental lines has come true but instead of a decline, this Railway has experienced a sharp increase in traffic.

There is no present indication that this heavy volume of traffic will decline in the near future. Mining towns which were more or less stagnant during the war years are now booming. The demand for products of the forest, both in the form of lumber and finished products such as newsprint is enormous. The whole economic life has been quickened.

Insofar as prospective earnings are concerned, the picture is not so bright. During the summer of 1946 a wage increase which will cost about half a million dollars per annum had to be granted. Everything that the Railway buys is costing very much more than in pre-war years and so far no increases in rates have been authorized. The only thing that is saving the financial situation now is the unprecedented volume of business being handled. Should there be a return of traffic to pre-war levels, the financial position will be difficult unless increased rates are authorized to meet the enormous increase in the cost of railway operations.

A. H. CAVANAGH,
General Manager.

ONTARIO NORTHLAND TRANSPORTATION COMMISSION BALANCE SHEET AS AT MARCH 31, 1946

Assets

INVESTMENTS:			
Road		$34,891,459.36	
Equipment		6,550,210.47	
Floating Equipment		5,122.70	
Leased Property		263,505.38	
Restaurants and News Equipment		17,130.94	
White Top Cabins		14,212.10	
Dominion of Canada Bonds		800,000.00	
Investment in Affiliated Companies:			
Nipissing Central Railway	$4,943,377.00		
Less: Reserve	674,389.71		
	$4,268,987.29		
Temagami Navigation Ltd.	400,000.00		
Temagami Outfitting Company Limited	51,945.43		
Nipissing Navigation Company Limited	8,000.01		
		4,728,932.73	
			$47,270,573.68
CURRENT ASSETS:			
Cash		$ 550,390.63	
Accounts Receivable; Operating		232,685.55	
Balance due on Townsite Sales		2,774.71	
Agents and Conductors		468,350.05	
Traffic Balances		34,937.80	
Material and Supplies		1,335,640.44	
Ballast Pits		61,904.82	
Victory Bonds —Employees		131,790.16	
Other Assets		498.06	
			2,818,972.22
DEFERRED ASSETS:			
Pension Department, Non-contributory		$ 155,363.70	
Pension Department, Contributory		1,238,419.31	
Fire Insurance Fund		136,024.12	
			1,529,807.13
UNADJUSTED DEBITS:			
Treasurer's Advance		$ 350.00	
Accounts in Suspense		601.08	
			951.08
			$51,620,304.11

Liabilities

Provincial Loan (without interest)			$30,207,934.92
LONG TERM DEBT:			
Funded Debt Unmatured			5,014,000.00
CURRENT LIABILITIES:			
Audited Accounts and Wages Payable		$ 696,224.96	
Traffic Balances		72,360.98	
Debenture Interest		35,306.68	
War Savings Certificates—Employees		572.50	
Deposits on Sidings		1,215.00	
Dominion Government Tax—Telephone		4.19	
			805,684.31
DEFERRED LIABILITIES:			
Pension Fund Reserve:			
Non-contributory	$ 155,363.70		
Contributory	1,238,419.31		
		$ 1,393,783.01	
Fire Insurance Reserve		136,024.12	
			1,529,807.13
UNADJUSTED CREDITS:			
Equipment Retirements Reserve		$ 2,401,563.51	
Bus Equipment Retirement Reserve		80,599.22	
Restaurant and News Equipment Retirement Reserve		11,834.84	
Fidelity Insurance Reserve		3,610.43	
Casualty Pension Reserve		3,525.00	
Accounts in Suspense		4,530.04	
			2,505,663.04
Surplus			11,557,214.71
			$51,620,304.11

Certified as per our report of this date.
(Signed) EDWARDS, MORGAN & CO.,
Chartered Accountants.

July 17, 1946.

SURPLUS ACCOUNT—MARCH 31, 1946

Balance, March 31, 1945	$10,165,459.81
Add:	
Operating Profit for year ended March 31, 1946	1,390,331.44
Unclaimed Vouchers	160.22
Townsite Sales	1,330.77
	$11,557,282.24
Deduct:	
Unclaimed Wages—Reclaimed	67.53
Balance, March 31, 1946	$11,557,214.71

AUDITORS' REPORT

EDWARDS, MORGAN AND COMPANY

Chartered Accountants

To The Commissioners,
Ontario Northland Railway,
North Bay, Ontario.

We have examined the books and records of the Ontario Northland Railway for the year ending March 31, 1946.

The record of securities owned and held in trust on that date has been verified by examination of the said securities in the custody of the Treasurer.

We certify that the annexed Balance Sheet and Surplus Account are in accord with the books and records and that they are, in our opinion, properly drawn up so as to show the true financial position of the Railway at March 31, 1946, and correctly set forth the result of operations for the year ending on that date.

(Signed) EDWARDS, MORGAN AND CO.,
Chartered Accountants.

Toronto, Ontario, July 17, 1946.

COMPARATIVE INCOME STATEMENT

April 1, 1944, to March 31, 1946

Operating Income	April 1, 1945 to March 31, 1946	April 1, 1944 to March 31, 1945
Railway Operating Revenue	$7,827,501.48	$6,605,360.94
Railway Operating Expenses	5,872,970.86	5,496,504.60
Net Operating Revenue	$1,954,530.62	$1,108,856.34
Non-Operating Income		
Hire of Freight Cars—Credit Balance	—	—
Rent from All Other Equipment	$ 51,862.00	$ 44,343.34
Joint Facility Rent Income	24,898.02	24,787.21
Interest and Exchange	39,434.71	25,050.78
Miscellaneous Income	202.00	198.75
	$ 116,396.73	$ 94,380.08
Gross Income	$2,070,927.35	$1,203,236.42
Deductions from Gross Income		
Hire of Freight Cars—Debit Balance	$ 467,925.96	$ 258,216.52
Joint Facility Rents	5,045.00	3,484.50
Interest and Exchange on Funded Debt	205,260.00	210,733.32
Miscellaneous Income Charges	2,364.95	1,580.95
	$ 680,595.91	$ 474,015.29
Net Income carried to Profit and Loss	$1,390,331.44	$ 729,221.13

RAILWAY OPERATING REVENUES

	April 1, 1945 to March 31, 1946	April 1, 1944 to March 31, 1945
Freight	$5,283,523.42	$4,467,277.31
Passenger	1,323,539.08	1,183,092.04
Excess Baggage	4,249.86	3,677.82
Parlor and Chair Car	1,124.60	143.55
Mail	73,900.26	70,648.09
Express	169,963.15	138,396.92
Milk	17,338.79	15,969.85
Switching	9,419.51	9,312.45
Dining and Buffet	18,584.53	14,837.95
Hotel and Restaurant	130,048.11	105,117.78
Station, Train and Boat Privileges	969.63	744.18
Storage—Freight	1,576.14	1,251.72
Storage—Baggage	1,046.82	512.82
Demurrage	32,115.00	24,052.00
Telegraph	116,162.39	91,549.55
Telephone	505,660.20	360,360.82
Bus	95,344.24	78,142.01
Rents of Buildings and Other Property	36,650.14	36,560.49
Miscellaneous	6,278.19	4,095.66
Joint Facility—Cr.	7.42	—
Joint Facility—Dr.	—	382.07
	$7,827,501.48	$6,605,360.94

SUMMARY OF RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures	$1,197,454.87	$1,241,476.75
Maintenance of Equipment	1,118,763.29	1,029,229.92
Traffic	45,667.27	31,717.01
Transportation	2,667,064.98	2,495,957.88
Miscellaneous Operations	494,302.71	387,493.42
General	349,717.74	310,629.62
	$5,872,970.86	$5,496,504.60
Ratio of Operating Expenses to Operating Revenues	75.0%	83.2%

TRAFFIC AND MILEAGE STATISTICS

Passenger Traffic

Number of passengers carried earning revenue	514,973
Number of passengers carried one mile	52,783,068
Number of passengers carried one mile per mile of road	91,909
Average distance carried—miles	102.5
Total passenger revenue	$1,323,539.08
Average amount received from each passenger	$2.57
Average receipts per passenger per mile (cents)	2.51
Total passenger train service revenue	$1,590,115.74
Passenger service train revenue per mile of road	$2,768.79
Passenger service train revenue per train mile	$2.82

Freight Traffic

Number of tons carried earning revenue	2,156,856
Number of tons carried earning revenue one mile	432,469,358
Number of tons carried earning revenue one mile per mile of road	753,037
Average distance haul of one ton—miles	200
Total freight revenue	$5,283,523.42
Average amount received for each ton	$2.45
Average amount received per ton per mile (cents)	1.22
Freight revenue per mile of road	$9,199.94
Freight revenue per train mile	$5.97

Total Traffic

Operating revenue	$7,826,518.88
Operating revenue per mile of road	$13,627.93
Operating revenue per train mile	$5.40
Operating expenses	$5,876,928.84
Operating expenses per mile of road	$10,233.20
Operating expenses per train mile	$4.05
Net operating revenue	$1,949,590.04
Net operating revenue per mile of road	$3,394.72

Car Mileage

Average number of passengers carried one mile per car mile	12.2
Average number of passengers carried one mile per train mile	93.5
Average number of passenger cars per train mile	7.7
Mileage of passenger cars	4,328,887
Mileage of loaded freight cars	17,270,089
Mileage of empty freight cars	8,975,009
Average number of freight cars per train mile	30.6
Average number of loaded freight cars per train mile	19.5
Average number of empty freight cars per train mile	10.1
Average number of tons of freight per train mile	488.4
Average number of tons of freight per loaded car mile	25
Average number of miles operated during the year	574.3

Train Mileage

Mileage of revenue passenger trains	564,471
Mileage of revenue freight trains	885,475
Total revenue train mileage	1,449,946

Miles of Track Operated at Close of Fiscal Year
March 31, 1946

MAIN LINE:		
North Bay—Timmins	257.30	
Porquis—Cochrane	28.10	
Cochrane—Moosonee	186.20	
		471.60
BRANCH LINES:		
Earlton—Elk Lake	28.50	
Englehart—Charlton	7.60	
Porquis—Iroquois Falls	6.60	
Swastika—Noranda	60.0	
		102.70
OTHER TRACKS:		
Yard tracks and sidings		120.2
PRIVATE SIDINGS OPERATED BY THE RAILWAY:		
Under private siding agreement	25.3	
Owned by Private Companies	1.74	
		27.04
SIDINGS OPERATED BY PRIVATE COMPANIES:		
Under private siding agreement		9.94
		731.48

DETAILS OF RAILWAY EQUIPMENT

	March 31 1945	Additions during year	Retirements during year	March 31 1946
LOCOMOTIVES:				
Passenger-Freight	45	0	0	45
Switching	6	0	0	6
Total	51	0	0	51
REVENUE FREIGHT EQUIPMENT:				
Box Cars	204	0	3	201
Flat Cars	216	0	5	211
Hart Cars	84	0	4	80
Total	504	0	12	492
CABOOSES	34	0	0	34
PASSENGER EQUIPMENT:				
First Class Cars	30	0	0	30
Second Class Cars	10	0	0	10
Combination Cars	7	0	0	7
Parlour Cafe and Restaurant Cars	6	0	0	6
Baggage and Express Cars	13	0	0	13
Diesel Power	1	0	0	1
Other Cars in Passenger Service	8	0	0	8
Total	75	0	0	75
WORK EQUIPMENT:				
Business	3	0	0	3
All Other Cars in Railway's Service	214	1	2	213
Total	217	1	2	216

DETAILS OF HIGHWAY SERVICE EQUIPMENT

	March 31 1945	During the Year Additions	During the Year Retirements	March 31 1946
Buses	8	0	0	8
Trucks	2	0	1	1
Total	10	0	1	9

Forty-First Annual Report

OF THE

ONTARIO MUNICIPAL BOARD

to December 31st, 1946

PRESENTED TO THE LEGISLATIVE ASSEMBLY
BY COMMAND

Sessional Paper No. 24

ONTARIO

TORONTO
Printed and Published by Baptist Johnston, Printer to the
King's Most Excellent Majesty, 1947

TO THE HONOURABLE RAY LAWSON, O.B.E., LL.D.,

Lieutenant-Governor of the Province of Ontario in Council

MAY IT PLEASE YOUR HONOUR·

The undersigned has the honour to transmit herewith the Forty-first Report of the Ontario Municipal Board for the year ending December 31st, 1946.

Respectfully submitted,

G. H. DUNBAR,

Minister of Municipal Affairs

Parliament Buildings,
Toronto,
April 2nd, 1947.

April 2nd, 1947

Re Forty-first Annual Report

Dear Sir:

I have the honour to send you herewith the Forty-first Annual Report of the Ontario Municipal Board to December 31st, 1946.

Your obedient servant,

M. B. SANDERSON,
Secretary.

The Honourable G. H. Dunbar,
Minister of Municipal Affairs,
Parliament Buildings,
Toronto.

FORTY-FIRST ANNUAL REPORT

OF THE

Ontario Municipal Board

to December 31, 1946

PRESENTED TO THE LEGISLATIVE ASSEMBLY
BY COMMAND

ORGANIZATION
# of the
ONTARIO MUNICIPAL BOARD
# of the
PROVINCE OF ONTARIO
1946

R. S. Colter, K.C.	CHAIRMAN
W. P. Near, B.A. Sc.	VICE-CHAIRMAN
W. J. Moore, O.L.S.	MEMBER
M. B. Sanderson	SECRETARY
J. A. McDonald	INSPECTOR OF TELEPHONE SERVICE

FORTY-FIRST ANNUAL REPORT

OF THE

Ontario Municipal Board

to December 31, 1946

In pursuance of Section 108 of "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60), the Ontario Municipal Board beg leave respectfully to submit their Forty-first Annual Report.

"THE ONTARIO MUNICIPAL BOARD ACT"

Since the revision of the Statutes of Ontario in 1937, "The Ontario Municipal Board Act", was amended by Statutes of Ontario, 1938, Chapter 37, Section 18; 1939, Chapter 47, Section 26; 1940, Chapter 20, and 1941 Chapter 40. See also Ontario Statutes 1942, Chapter 34, Section 41 and Section 42 (6) and Ontario Statutes 1943, Chapter 15, Sections 1 and 2 and Section 11, and O.S. 1946, Chapter 66.

APPLICATIONS TO THE BOARD

There were 2554 applications to the Board during 1946 (exclusive of Public Vehicle and Public Commercial Vehicle License applications), and in regard to these applications not disposed of in 1945, 30 public hearings were held. The applications included a great variety of matters falling within the jurisdiction of the Board and those granted are set out in a list contained in the "Abstract and Summary" appended o this Report, indexed under "Orders issued bythe Board." Copies of formal Decisions issued are also contained in the Abstract and Summary, indexed under "Decisions of the Board" and also under the names of the parties.

SITTINGS OF THE BOARD

The Board held meetings for the transaction of routine business and the disposal of applications every juridical day throughout the year. Many of these applications, though dealt with informally and disposed of without the necessity of Hearings, entailed in many instances a considerable amount of inquiry and consideration on the part of the Board, especially those coming under the provisions of Section 70 of the Board's Act, which section requires all capital undertakings and expenditures therefor by Municipalities to be approved by the Board.

APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES BY MUNICIPALITIES

(Section 70 of "The Ontario Municipal Board Act" R.S.O. 1937, C. 60)
(Subsection (3) re-enacted O.S. 1940, C. 20 s.4)
(Subsection (1) amended O.S. 1941, C. 40 s. 13)
(Subsection (1) re-enacted O.S. 1946, C. 66)

On the 18th April, 1935, legislation came into effect whereby a Municipality is prohibited from exercising any of its powers to proceed with, authorize or provide any moneys for any undertaking, work, project, scheme, act, matter or thing, the cost of, or any portion of the cost of which is intended or required to be provided or raised by the issue of debentures of the Municipality, until the approval of this Board is first obtained. This enactment overrides the provisions of any general or Special Act and necessitates a great many applications to the Board. A list of these applications granted will be found in the Summary, included in the list indexed under "Orders issued by the Board".

Two thousand and fifty-eight applications in respect to proposed expenditures totalling $64,783,092.00 were considered by the Board. It should be noted, however, that since Municipal representatives are now aware of the fact that they must obtain the Board's approval of proposed capital undertakings, a large percentage avail themselves of the opportunity of discussing their proposed borrowings with the Board and in many instances are advised that the Board would not be willing to grant approval. Accordingly formal applications in these instances are not filed and do not show in the Board's records.

It should also be noted that the existence of this legislation gives the Board an opportunity to advise and control with regard to the type and term of the debentures to be issued. In this connection the Board has pursued the policy of approving only instalment debentures as opposed to sinking fund debentures and, believing that the saving of interest effected thereby accrues to the benefit of the municipal ratepayers, is generally requiring the term of repayment to be shorter than formerly.

The following list, (generally speaking), shows the maximum debenture term allowed by the Board under this restrictive policy:—

Sidewalks	10 years
Curbs and Gutters	10 years
Pavements	10 years
Watermains	15 years
Sanitary Sewers	15 years
Trunk Sewers	20 years
Buildings, including School	20 years

A recital in the debenture by-law of the Board's approval under said Section 70 is obligatory, pursuant to an amendment passed at the 1939 Session of the Legislature (Chapter 30, Section 17) adding paragraph (e) to subsection (1) of Section 305 of "The Municipal Act".

The re-enactment of subsection (1) of Section 70 in 1946, included authority to the Board to approve of an expenditure the cost or any portion of the cost of which is to be raised in a subsequent year or years without an issue of debentures. The Board has adopted the practice of restricting its approval of such an application to not more than 3 years.

APPROVAL OF RATEPAYERS

By Section 59 (f) of "The Ontario Municipal Board Act" the Board is given power to direct that before any approval is given to the exercise of any powers by a Municipality or to any By-law passed by it, the assent of the electors thereof or of those qualified to vote on money by-laws shall first be obtained, notwithstanding such assent is not otherwise requisite. By virtue of this legislation the Board is continuing its policy, adopted in 1938, of insisting that major capital expenditures, the cost of which would be met out of general rates, be submitted to the ratepayers for their approval before being presented to the Board, and further the Board is of opinion that a representative vote can be taken only at the same time as the municipal election. The result of this policy in many instances has been the rejection of the proposed expenditure by the ratepayers.

ANNEXATIONS AND AMALGAMATIONS

The dominant legislation governing herein in 1946 was Section 23 of "The Municipal Act", Section 20 having been repealed at the 1946 Session of the Legislature, effective April 5th.

Twenty applications were filed requesting annexation of additional lands, two of which were under Section 17 of "The Municipal Act".

A list of these will be found in the Summary.

ARBITRATIONS

In 1946 the Board was requested to act as Arbitrators in respect to nine matters brought before it; two under Section 22 of "The Power Commission Act"; two under Section 79 of "The Highway Improvement Act"; one under Section 76 (c) of "The Ontario Municipal Board Act", and four pursuant to Section 356 (a) of "The Municipal Act" (enacted by O. S. 1946, C. 60, s. 47). All but two were disposed of in 1946, and a list of these will be found in the Summary indexed under "Arbitrations".

ASSESSMENT APPEALS

Under Section 84 of "The Assessment Act" (as re-enacted by O.S. 1946, C. 3, s. 21) appeals may now be made directly to this Board from the Court of Revision, and in respect to an aggregate assessment without County organization $5,000.00 or upwards, or in any other Municipality $10,000.00 or upwards—and in 1946 seventeen appeals were filled involving property assessments of $692,080.00. Formal Hearings were held in respect to all these appeals; fourteen were discussed, and decision in the others reserved.

Copies of the Board's written decisions will be found in the Summary indexed under "Assessment Appeals" and "Decisions of the Board", also under the names of the Parties. Included also under the above Headings are Decisions in appeals carried over from 1945.

DISSOLUTION OF AREAS

Two applications were dealt with pursuant to Section 23 (a) of "The Municipal Act" (as enacted by O.S. 1946, C. 60, s. 4). These are listed in the Summary under "Orders issued by the Board".

EXTENSION OF PUBLIC UTILITIES

Section 407, subsection (2) of "The Municipal Act", This legislation gives urban Municipalities authority to issue debentures in respect to Public Utilities without a vote of the ratepayers under certain circumstances set out in the legislation. In 1946 eighteen applications were dealt with by the Board in a total amount of $2,164,265.61. These are listed in the Summary under "Orders issued by the Board".

FIXED ASSESSMENTS

Five applications for approval of fixed assessments totalling $759,600.00 were dealt with during 1946, pursuant to Section 405 (1) of "The Municipal Act".

By the re-enactment of clause (b) of this subsection in 1946, C. 60, s. 41, this Board's approval is no longer required.

A list of the fixed assessments dealt with will be found in the Summary, indexed under "Orders issued by the Board".

FLOATING INDEBTEDNESS

(Section 59 (d) of Part IV, R.S.O. 1937, C. 60)
(as re-enacted by O.S. 1939, C. 47, s. 26 (1).)

Under this legislation the Board issued Orders in 1946 in respect to five Municipalities authorizing a debenture issue of $118,000.00. It should be noted that this meant a considerable saving of expense to the Municipality concerned, as a Special Act of the Legislature would otherwise have been necessary.

IMPROVEMENT DISTRICTS

In 1943, Legislation was enacted by an amendment to "The Municipal Act" (Section 44a) under which, by Order of this Board a locality may be erected into an Improvement District. In 1946 there were seven such applications dealt with. Copies of the Board's Orders, issued herein, will be found in the Summary indexed under "Orders of the Board".

PLANS OF LAND SUBDIVISIONS

Under "The Planning and Development Act" (R.S.O. 1937, C. 270), (amended O.S. 1941, C. 55, S. 24), "The Land Titles Act" (R.S.O. 1937, C. 174, S. 112) and "The Registry Act" (R.S.O. 1937, C. 170, S. 83 (15)), twenty-five plans were presented to the Board in 1946 for approval and certification, up to the 27th of March, 1946, on which date "The Planning Act" came into effect. Under this Act the most of the authority in respect to land subdivision plans was transmitted to the Minister of Planning and Development.

PROVINCIAL RAILWAYS

Extensions to and improvements of Railways operating under Provincial Charter in 1946 as reported to the Board will be found in the Summary, arranged alphabetically under the names of the several systems reporting.

Annual Reports, to December 31st, 1946 by Railway Companies under the Board's jurisdiction were received, of which a summarized tabulation has been prepared for publication herein. The Board has no means of auditing these reports as received and cannot therefore guarantee that the figures taken therefrom are correct or accurate.

Under "The Railway Act" there were twenty applications to the Board in 1946.

A tabulation of Accident Reports received by the Board from Provincial Railways during the year 1946 is included in the Summary and shows that fifty persons were killed and two thousands seven hundred and fifty-six injured during the year.

PUBLIC VEHICLE AND COMMERCIAL LICENSES

Pursuant to "The Public Vehicle Act" (R.S.O. 1937, C. 289), and "The Commercial Vehicle Act" (R.S.O. 1937, C. 290), no Public Vehicle or Commercial Vehicle License respectively, may be issued by the Department of Highways without the approval of the Board being first obtained as evidenced by a Certificate of Public Necessity and Convenience of the said Board furnished to that Department, and then only in accordance with such Certificate. Upon the granting of a Certificate by the Board the Department may then, in its discretion, issue or refuse a license.

The Board set aside fifty days during the year for hearing the applications for Certificates of Public Necessity and Convenience. In addition the Board set aside one morning each week to deal with the matter of transfers and other details brought before it by the Public Vehicle Division.

During the year one hundred and forty-nine applications were made for Public Vehicle Licenses and one thousand and ninety for Commercial Vehicle Licenses. These include applications for extensions to and clarification of existing licenses, and the following is a classification of these and the disposition made of same:

	Public Vehicle	School Vehicle	A	B	C	D	E	F	H	Total
Applications Received	149	294	41	5	207	72	182	554	29	1533
Applications Granted	100	293	24	4	109	53	154	452	10	1199
Applications Dismissed	24		17	1	86	16	19	70	16	249
Applications Cancelled	3				5		7	23		38
Applications Withdrawn	7	1			5	1	1	7		22
Applications Reserved	7				2	1	1	1	2	14
Applications Adjourned	8					1		1	1	11

In supporting an application before the Board. the applicant may appear in person or be represented by his solicitor, or, under exceptional circumstances, if unable to attend, may submit evidence in the form of letters, petitions, or affidavits. The Board hears and considers the evidence for and against and also takes into consideration the facilities extended by existing licensed operators, and its decision is based on whether public necessity and convenience requires the service for which the application is made. The Board has required that sufficient evidence be filed with each application for a license or extension to a license to justify the application being listed for hearing. This has tended to shorten the list as well as to insure that applications are supported when listed for hearing.

All transfers of Public Vehicle and Public Commercial Vehicle Licenses are subject to the approval of the Board and care is taken to prevent anything that might appear to be trafficking in licenses. Transfers of important licenses are usually made the subject of a Hearing and evidence is heard for and against.

Through the co-operative efforts of the Department of Education and the Public Vehicle Division of the Department of Highways, an effort was made to have all motor vehicles carrying school children licensed under a school bus permit. These applications were dealt with by the Board and permits issued for which no fees were charged and the result has been that two hundred and ninety-four School Bus applications were received during the year. Of these, two hundred and ninety-three were granted, and one withdrawn. The chief objective of this effort has been to require all such vehicles to carry insurance as provided by "The Public Vehicle Act".

REDEMPTION CLAUSE IN DEBENTURE BY-LAWS

("The Municipal Act" (R.S.O. 1937, C. 266, S. 305 (15) (d)).

By an amendment in 1944 (C. 39, S. 22 (5)), to Section 305 (15) of "The Municipal Act" the inclusion in a debenture By-laws of a provision for redemption of all or a portion of the debentures at the option of the Corporation is now mandatory. This Board's approval of Notice to be given on such redemption in addition to the Statutory Notice, is required by paragraph (d) of the said subsection (15).

RESTRICTED AREAS

Under Section 406 of "The Municipal Act" (R.S.O. 1937 C. 266) (as re-enacted by O.S. 1941, C. 35, S. 13 and amended O.S. 1946 C. 60, S. 50), the Board considered one hundred and forty applications for approval of Municipal By-laws placing restrictions on certain areas as to use of land and the erection and use of buildings thereon; also one hundred and fifty-eight applications for variation of restricted areas already established. The applications granted are shown in the Summary in the list of "Orders of the Board".

Under subsection 9 (a) of the 1946 amendment, if an application to Council for an amendment to a Restricted Area By-law is refused by the Council, or the Council refuses or neglects to make a decision thereon within one month, the applicant has the right of appeal to this Board. In 1946 only one such application was filed.

RETIREMENT OF UNMATURED DEBENTURES

(Section 59 (dd) of Part IV, R.S.O. 1937, C. 60, as enacted by
O.S. 1939, C. 37, S. 26 (1))

Sixteen Municipalities took advantage of this legislation, which came into effect on April 27th, 1939, and applied to the Board for authority, without assent of the electors, to retire certain of their debentures redeemable before maturity. The total amount authorized by the Board was $19,473,992.00.

REVENUE

By Ontario Statutes, 1939, Chapter 47, Section 26 (3), Section 107 of "The Ontario Municipal Board Act" being the section respecting the Board's fees, was repealed and re-enacted. The new section came into effect on the 27th day of April, 1939, and the fees are now payable in cash ON THE APPLICATION instead of Law Stamps on the Board's Order.

During 1946 the Board's fees on application amounted to $75,814.81. In this amount is included the fees on applications for Public Vehicles and Public Commercial Vehicle Licenses—collected by the Department of Highways and credited to the Board.

SUPERVISED MUNICIPALITIES

Pursuant to the provisions of "The Department of Municipal Affairs Act" the Board in 1946 considered plans for funding and refunding the bonded indebtedness of the Corporations of the Town of LaSalle, the Town of Riverside, and the Township of Sandwich East.

VALIDATION OF MUNICIPAL BY-LAWS AND DEBENTURES

(Section 64 of Part IV, R.S.O. 1937, C. 60)

One hundred and fifty-nine applications were made to the Board in 1946 for validation of Municipal By-laws and certification of the debentures authorized thereunder. The total of such debenture issues was $25,327,497.91.

While purchasers of debentures are sometimes satisfied with Orders of the Board under Section 70 of the Board's Act, it has been found, particularly in regard to the large issues, that a further Order of the Board validating By-law and providing for certification of the debentures, facilitates the marketing of the issue.

FORMS

The Board has (for distribution to parties interested) the following forms and specifications, namely:—

1. The Board's Rules of Practice and Practice Forms.
2. Memorandum of material required in support of application for approval of undertaking capital expenditure involving debenture issue, under Section 70 of "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60).
3. Forms for Annual Reports by Railway Systems.
4. Forms for Reports as to Examination of Motormen.
5. Forms for Reports of Accidents by Railway Systems.
6. Directions for guidance of applicants under subsection (2) of Section 407 of "The Municipal Act".

7. Tariff of the Board's Fees.
8. "The Telephone Act".
9. Form of Annual Report to be furnished to the subscribers to a Telephone System established under Part II of "The Telephone Act".
10. Instructions for preparation of Annual Report as mentioned in No. 9.
11. Pamphlet containing information regarding Municipal Telephone Systems and including:—
    (a) Form of By-law providing for the establishment of a telephone system under Part II of "The Telephone Act".
    (b) Form of By-law providing for the issue of debentures to pay for the cost of establishing a telephone system under Part II of "The Telephone Act".
    (c) Form of Account for use by Telephone Companies using the "Discount System" of Collections.
    (d) Form of Municipal Debentures—Instalment Plan.
12. Form of By-law to regulate the management and operation of a telephone system established under Part II of "The Telephone Act" (draft form).
13. Draft Form of By-law to regulate the management and business of a telephone company.
14. Form of Petition praying for the establishment or extension of a telephone company under Part II of "The Telephone Act".
15. Form of By-laws granting to a telephone company the right to use the highways of a Township.
16. Form for Return by Municipality, operating a telephone system.
17. Form for Return by Company, etc., operating a telephone system.
18. Form for Tariff of Tolls for telephone system.
19. Form for Return by Telephone Companies required by Order of the Board to set up a reserve for depreciation.

MISCELLANEOUS

Copies of the Board's written Decisions and a list of Orders issued in 1946 appear in the Summary. These include:—

Annexations and amalgamations—Sections 17, 20 and 23 of "The Municipal Act".

Arbitrations—Section 22 of "The Power Commission Act", Section 79 of "The Highway Improvement Act", Section 76 (c) of "The Ontario Municipal Board Act" and Section 356 (a) of "The Municipal Act".

Assessment Appeals—Section 84 of "The Assessment Act".

Assessments—Fixed—Section 405 (1), paragraph (b) of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 12, s.s. (1).

Dissolution of Board of Park Management—Section 44 (e) of "The Municipal Act" (enacted O.S. 1943, C. 16 s. 2).

Appointment of Ontario Municipal Board as Referee—"The Municipal Drainage Act" as amended O.S. 1946 C. 61, S. 1.

Extension of Time to Pass By-laws—Section 297 (5) of "The Municipal Act".

Extension of Municipal Utilities—Section 407 (2) of "The Municipal Act".

Fire Halls, Fire Engines, &c.—Section 407 (16) of "The Municipal Act".

Floating Indebtedness—O.S. 1937, Chapter 60, Section 59 (d) "The Municipal Franchises Act" R.S.O. 1937, Chapter 277.

Fuel, approval of By-laws for purchase, storage and sale of—Section 405 (38) of "The Municipal Act".

Highways, Narrow—Section 502 (2) of "The Municipal Act".

Highways, Department of—Clauses against—Section 79 of "The Highway Improvement Act", Chapter 56.

Improvement Districts—Erection of—Sections 44 (a) and (e) of "The Municipal Act".

Increased Borrowings by Municipalities—Section 339 (2) of "The Municipal Act".

Interest Rate—Reduction of on debentures—Section 310 of "The Municipal Act".

Lanes—Opening and paving of—Section 29 (3) of "The Local Improvement Act".

Legislation, Special—Approval of By-laws under.

License Fee, approval of fixing of, to residents of a Municipality owning and using a bicycle on any highway thereof—Section 420 (11) of "The Municipal Act".

Local Improvements—Apportionment of cost—Section 27 (3) of "The Local Improvement Act".

Local Improvements, approval of undertaking of and passing of a By-law therefor—Section 8 of "The Local Improvement Act".

Plans (Land Subdivision), Approval of—"The Planning and Development Act", "The Land Titles Act" and "The Registry Act".

Redemption Clause, Approval of in Debenture By-laws—Section 305 (15) (d) of "The Municipal Act".

Restricted Areas, Approval of By-laws for establishment of—Section 406 of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 13, as amended by O.S. 1946, C. 60, s. 50).

Restricted Areas, repeal of, or amendments to—Section 406 of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 13).

Retirement of unmatured debentures—Section 59 (dd) of "The Ontario Municipal Board Act" (enacted by O.S. 1939, C. 47, s. 26 (1)).

Sinking Funds, use of Surplus and authority to dispense with further levy for, where amount in Sinking Fund sufficient—Section 321 (a) of "The Municipal Act" (as enacted by Section 18, O.S. 1939, C. 30, amended O.S. 1946, C. 60, s. 44).

Supervised Municipalities, Refunding Plans—"The Department of Municipal Affairs Act".

Tariff of Fees, Approval of Board's—Sections 106 and 107 of "The Ontario Municipal Board Act".

Tax Rate, Approval of further debt and levy therefor—Section 315 (2) of "The Municipal Act".

Telephone Companies and Systems.

Townships, erection of—Section 24 of "The Municipal Act" (as re-enacted O.S. 1944, C. 39, s. 3, and amended O.S. 1946, C. 60, s. 6).

Validation of Municipal Debentures—Section 64 (Part IV) of "The Ontario Municipal Board Act".

Vote of Electors, Applications to dispense with—Section 69 of "The Ontario Municipal Board Act".

Wards, Division of Municipality into—Section 44 of "The Municipal Act" (as re-enacted O.S. 1946, C. 60, s. 7).

Weigh Scales and weighing of coal and coke—Section 408 (11) (c) of "The Municipal Act".

M. B. SANDERSON,
Secretary

Toronto, the Second day of April, 1947.

THE ONTARIO MUNICIPAL BOARD

REPORT OF THE INSPECTOR OF TELEPHONE SERVICE FOR THE YEAR 1946

The following applications under the provisions of "The Telephone Act" (R.S.O. 1937, Chapter 261) were dealt with by the Board in 1946:

Under Section 27: For authority to pass municipal debenture by-laws to meet the cost of reconstructing, replacing or altering telephone systems	1
Under Section 31: For the approval of the purchase of an existing telephone system or any portion thereof, by a municipality	1
Under Section 51: For an Order approving appointment of Commissioner to fill vacancy	2
Under Section 56: For the approval of by-laws of a municipal telephone system	2
Under Section 58: For an Order prescribing the date for holding the annual meeting of subscribers	5
Under Section 79: For the approval of municipal by-laws granting the right to erect poles and wires upon the highways	7
Under Section 87: For the approval of by-laws of a telephone company	8
Under Section 96: For the approval of agreements providing for interchange of service	5
Under Section 101: For the approval of sale of telephone systems	11
Under Section 103: For the approval of charges for telephone service	72
Under Section 109: For authority to expend a portion of the moneys set aside for depreciation, upon new construction or extensions or in the purchase of securities	10
Total Number of Applications	124

The continued policy of the Board in endeavouring to secure an amicable settlement in matters in dispute between the applicant and respondent has proved successful in the majority of cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Telephone Department, through the medium of which much information and assistance has been given to municipalities, companies and other persons interested, and many difficulties which might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is 553, operating 151,462 telephones, 32,093 miles of pole lead carrying 214,726 miles of wire and representing an investment of about $13,000,000.

During the year the following changes were made in the Board's records of telephone systems coming within its jurisdiction:

The plant and assets of the following telephone systems previously operating about 380 telephones were acquired by The Bell Telephone Company of Canada:

People's Mutual Telephone Company, Limited.
Pine Grove Telephone Association, Limited.
Hampshire Telephone Company, Limited,
Lake of Bays and Haliburton Telephone Company, Limited.
Farmer Private Telephone Line.
Superior Telephone Club.

The plant and assets of the Nissouri Telephone Company, Limited, were acquired by the Ingersoll Telephone Company, Limited.

A portion of Arden and Parham Telephone System was acquired by Messrs. Morrow Bros., and is being operated under the name "Sharbot Lake and Parham Telephone System".

Letters Patent under the provisions of "The Companies Act" have been issued to:

Austin Telephones Limited.
Keward Rural Telephone Company, Limited.
Standard Telephone Company, Limited.

There are ten systems owned and operated by municipalities under the provisions of Part I of "The Telephone Act", viz:—The Cities of Fort William and Port Arthur, the Towns of Cochrane, Dryden, Fort Frances, Kenora, Keewatin and Rainy River, and the Townships of Alberton and Caledon.

One hundred and sixteen systems are now established and operating under Part II of "The Telephone Act" and furnishing service in two hundred and seventy-seven towns, villages and townships.

There are sixty-six systems owned and operated by individuals or partnerships of less than five persons, three hundred and forty by Incorporated Telephone Companies, ten by Incorporated Companies other than Telephone Companies, and eleven by Federal and Provincial Government Departments and Commissions.

In addition to the before-mentioned systems, the Forestry Branch of the Department of Lands and Forests is operating an extensive system in connection with its work of fire prevention. This system comprises 900 telephone stations, 2,441 miles of pole lead, 1,032 miles of tree line, and 6,394 miles of wide, the total investment being $374,618.

Detailed statistics and other information relative to these systems will be found in the appendix to this report entitled "Telephone Systems, 1947".

JAS A. McDONALD,
Inspector of Telephone Service

MEMORANDUM OF LEGISLATION

EXCLUSIVE OF SPECIAL ACTS, UNDER WHICH THE ONTARIO MUNICIPAL BOARD EXERCISES JURISDICTION

ADDITIONAL EXPENDITURES: By O.S. 1946, C. 66, being a re-enactment of s.s. 1 of Sec. 70 of "The Ontario Municipal Board Act" (R.S.O. 1937, C. 60) and amendments the authority for approval of capital expenditures by way of debenture issues is continued, and in addition authority is given to approve of expenditures which are to be raised in a subsequent year or years, without an issue of debentures.

ANNEXATIONS: R.S.O. 1937, C. 266—Secs. 16, 17 and Sec. 23 as re-enacted by O.S. 1939, C. 30, Sec. 2, amended by O.S. 1946, C. 60, s. 30.—(NOTE: Sec. 20 was repealed O.S. 1946, C. 60, Sec. 2).

The Corporation of any municipality may, by By-law, ask the Municipal Board for amalgamation or annexation. After a hearing, the Board may make rules and regulations as to the Government, etc., of the municipality as formed.

Any Order of annexation or amalgamation (Subsection 2 of Section 14) shall take effect only after and when confirmed by Act of the Legislature.

ARBITRATIONS: R.S.O. 1937, C. 62, Section 22.

Reference may be made to the Board for the fixing of the amount of compensation to be paid to owners for lands and rights-of-way taken by expropriation under "The Power Commission Act" where parties are not in agreement.

R.S.O. 1937, C. 56, Section 79:

Reference may be made to the Board for the fixing of the amount to be paid by the Department of Highways for land expropriated under "The Highway Improvement Act" where parties are not in agreement.
R.S.O. 1937, C. 56, Section 79a, as re-enacted by O.S. 1945 (1st Session) C. 9, Section 8.

Approval of closing, by the Department of Highways, of certain County, Township or other roads which intersect or run into a controlled access highway.

O.S. 1942, C. 34, Section 41:

An expropriating body may elect that the amount of compensation for lands taken shall be heard and determined by the Ontario Municipal Board.

By Sec. 356a of "The Municipal Act" enacted by O.S. 1946, C. 60, S. 47, a council may designate, by by-law, the Municipal Board as the sole arbitrator.

ASSESSMENT APPEALS: R.S.O. 1937, C. 273, Sections 83 and 84, amended by O.S. 1946, C. 3, Sections 20 and 21.

The Board may hear an Appeal either from the decision of the County Judge or directly from the Court of Revision respecting the assessment of a telephone company or of a person in territory without county organization in an amount of $5,000.00 or upwards, or in any other municipality $10,000.00 or upwards. The appeal may be made by such company or person, the municipal corporation, the Assessor or Assessment Commissioner or any person assessed.

"The Grand River Conservation Act"—O.S. 1938, C. 15, Sec. 15:

The Board is appointed to hear appeals from the findings of the Board of Engineers as to the compensation to be paid to owners for lands expropriated; also appeals from the Board of Engineers as to the amounts to be contributed by the separate municipalities toward the cost of the work.

THE BEACHES AND RIVER BEDS ACT—R.S.O. 1937, C. 34:

Gravel may be taken from shores or streams, if approval therefor is given by the Ontario Municipal Board.

BRIDGES—R.S.O. 1937, C.266, Section 480 (9):

The Ontario Municipal Board may grant relief from the rebuilding of a bridge, R.S.O. 1937, C. 266, Section 483:

Provides for the issue of debentures for re-flooring of a bridge, with the approval of the Ontario Municipal Board, without a vote of the ratepayers. R.S.O. 1937, C. 56, Section 30:

Where there is a disagreement between two or more municipalities in respect to a bridge or highway on a boundary line between Counties, the matter shall be decided by the Ontario Municipal Board.

BUSSES—R.S.O. 1937, C. 266, s. 424 (4):

The Ontario Municipal Board may from time to time increase or decrease the rates and fares charged once in any one year within a defined area within a Township on the application of the Township in consequence of any deficit or surplus resulting in the operation of the service.

BY-LAWS—R.S.O. 1937, C. 266, Section 560:

A municipality may apply to the Board for approval as to the form of a municipal by-law.

CAPITAL EXPENDITURES—R.S.O. 1937, C. 60, Section 70 (ss. 1, re-enacted O.S. 1946, C. 66).

A municipality shall not proceed with or authorize any works or provide any moneys for any undertaking, the cost of which is to be provided for by the issue of debentures, until the approval of the Ontario Municipal Board has been obtained.

CEMETERIES—R.S.O. 1937, C. 351, Sections 45 and 46:

A municipality may with the approval of the Ontario Municipal Board incorporate additional lands for cemeteries and close road allowances.

CLOSING OF ROADS—R.S.O. 1937, C. 56, Section 79:

Subject to the approval of the Ontario Municipal Board, the Department of Highways may close any County, Township or other road which intersects or runs into a Divided Highway.

DETACHMENT OF FARM LANDS—R.S.O. 1937, C. 266, Section 21:

The Board may hear and determine any application for the detachment of Farm Lands from any municipality.

DISSOLUTION OF CORPORATIONS—R.S.O. 1937, C. 266, Section 44 (e) enacted by O.S. 1943, C. 16, S. 2.

Upon the application of any municipality, the Board may dissolve the municipality after a public hearing.

EXTENSION OF DEBENTURE ISSUE PERIOD UNDER MONEY BY-LAW—R.S.O. 1937, C. 266, Section 305 (11 and 12):

The Board may, upon the application of any municipality, extend a debenture issue period.

EXTENSION OF TIME TO PASS MONEY BY-LAWS—R.S.O. 1937, C. 266, Section 297.

Where a By-law has been passed with the approval of ratepayers, it must be passed by the Council within six weeks after the voting, but by sub-section (5), the Municipal Board may, upon the application of the Council extend the time for the passing of the By-law.

THE FEDERAL DISTRICT COMMISSION ACT—R.S.O. 1937, C. 276, Section 1.

The Councils of Ottawa, Carleton, Russell and any municipality in either of the said Counties, may, with the approval of the Municipal Board, convey to the Federal District Commission any Highway, etc., vested in the municipality upon such terms and subject to such conditions as may be agreed upon.

FIRE HALLS—Purchase of land for and erection thereof and purchase of Fire Engines by Urban Municipalities: R.S.O. 1937, C. 266, Section 407 (16) (b):

The Board's approval is required to an issue of debentures when debentures issued for the same purpose under a By-law previously passed are outstanding and unpaid.

FLOATING INDEBTEDNESS—R.S.O. 1937, C. 60, Section 59 (d), as re-enacted by O.S. 1939, C. 47, Section 26 (1) and amended by O.S. 1941, C. 40, Section 1.

The Board is given power to allow a municipality to issue debentures to cover a floating indebtedness.

Under the amendment of 1941, it is also provided that a municipality may issue debentures with the approval of the Board, but without the assent of the electors, for retiring debentures which are redeemable before maturity, and raising a sum sufficient to pay off the said debentures.

FRANCHISE, GRANTING OF—R.S.O. 1937, C. 277, Sections 4, 6 and 8.

A franchise for the construction of railway, or gas, heat, or light, shall not be granted by a municipality without the approval of the Board, after a hearing.

FUEL AND FOOD—R.S.O. 1937, C. 266, Section 405 (38).

By-laws of municipalities may be passed for buying, storing and selling of fuel and food, providing the money therefor, with the approval of the Board.

HIGHWAYS—R.S.O. 1937, C. 266, Section 468:

A County may abandon a Highway with the approval of the Board.

R.S.O. 1937, C. 266, Section 348 (12):

The Board may appoint one of three arbitrators for the fixing of compensation payable in respect to street widening.

R.S.O. 1937, C. 266, Section 502 (2):

A municipality may with the approval of the Board, open or establish a highway of less width than 66′.

R.S.O. 1937, C. 270, Section 12:

In lieu of the approval of the interested municipalities, no highway shall be established, laid out, widened, altered, diverted, stopped up or closed in any urban zone or joint urban zone, without the approval of the Board.

IMPROVEMENT DISTRICTS—ERECTION OF—(R.S.O. 1937, C. 266, Sec. 44a, enacted by O.S. 1943, C. 16, Sections 1 and 2, amended by O.S. 1946, C. 60, S. 8.

INCREASED BORROWINGS BY MUNICIPAL COUNCILS—R.S.O. 1937, Chapter 266, Section 339 (2):

Provides with the approval of the Board for an increase in the amount to be borrowed by a Municipal Council in any one year to meet current expenses until taxes are collected.

INCORPORATION OF TOWNS IN UNORGANIZED TERRITORY—R.S.O. 1937, C. 266, Section 18, as amended by O.S. 1946, C. 60, S. 1.

Subject to Subsection (2) of Section 13 of the same Act.

INTEREST DECREASE OR INCREASE ON MUNICIPAL DEBENTURES—R.S.O. 1937, C. 255, Section 310 (as re-enacted by O.S. 1938, C. 22, Section 6):

Provides for a decrease or increase in the rate of interest on any municipal debentures with the Board's approval.

INTERURBAN ADMINISTRATIVE AREAS—O.S. 1946, C. 60, Section 23 (b):

Approval of Board of application by municipality to enlarge, reduce, or dissolve any existing fire, police, sewage, water, transportation, local improvement or street lighting area or any other area created for any municipal purpose or to amalgamate any such area with any other area of a similar nature.

LAND SUBDIVISION PLANS—O.S. 1946, C. 71, Section 28:

Where owners of lands, interested municipalities and Department of Planning & Development are not in agreement the Minister may, and on application shall refer the application to the Board for its decision.

LICENSE FEE FOR BICYCLES—R.S.O. 1937, C. 266, Section 420 (11) as amended by O.S. 1941, C. 35, Section 15 (2):

The fixing of an annual fee for the operation of bicycles in municipalities by residents thereof must be approved by the Board.

THE LOCAL IMPROVEMENT ACT—R.S.O. 1937, C. 269:

Section 8: Approval of the Board of Construction By-laws for local improvements.

Section 27 (3): Fixing of the apportionment of the cost by the Board.

Section 29 (3): Approval by the Board of a By-law for the opening, etc., of lanes.

Section 29 (3): Provides for the hearing by the Board of Claims for exemption from assessment for the opening, etc., of lanes.

Section 19: Approval of the Board as to the deviation in the course or location of local improvements.

Section 6: Hearing by the Board of objections against widening or extension of a street, or construction of a bridge.

Section 18: A portion of the work may be abandoned with the approval of the Board.

Section 10 (2): Where petitions are filed against a local improvement work, such objections will be considered by the Board.

Section 64 (a), enacted by O.S. 1946, C. 49, S. 4: A local improvement area may, with the Board's approval, be enlarged, reduced, altered, dissolved or amalgamated with any other such area.

ONTARIO MUNICIPALITIES FUND—R.S.O. 1937, C. 266, Sec. 330, as re-enacted by O.S. 1941, C. 35, Section 9:

Disposition of moneys held by a Council in the Ontario Municipalities Fund for educational purposes, with the approval of the Board.

PARKS—R.S.O. 1937, C. 285, Section 12:

Approval of By-laws setting aside a part of a Park for athletic purposes.

THE PUBLIC UTILITIES ACT—R.S.O. 1937, C. 286, Section 32, s.s. (5):

Gives power to a municipality, with the approval of the Board, for disposing of properties purchased for the Public Utilities Commission and not required for public utilities.

THE PUBLIC HEALTH ACT—R.S.O. 1937, Section 101, s.s. 11 to 19: Provides for an application to the Municipal Board for an Order prescribing the manner in which a sewerage project shall be carried on. The Board has power to stop up and close highways, impose such terms and conditions as may seem just and remove restrictions where necessary, and fix compensation to be paid.

RAILWAYS—R.S.O. 1937, C. 259.

REDEMPTION OF DEBENTURES—R.S.O. 1937, C. 266, Section 305 (15) (d): Approval of notice of.

REPEAL OF MONEY BY-LAWS AS TO RESIDUE NOT REQUIRED—R.S.O. 1937, C. 266, Section 311 (2).

RESTRICTED AREAS—R.S.O. 1937, C. 266, Section 406, as re-enacted by O.S. 1941, C. 35, Section 13, and amended by O.S. 1943, C. 16, s. 11 and O.S. 1946, C. 60, Sec. 50:

Approval of By-laws of municipalities prohibiting the use of land and the erection and use of buildings for certain purposes and regulating the cost and the type of construction thereof, which By-laws shall not come into force until approval is granted.

By subsection 9 (a), enacted by O.S. 1946, C. 60, Sec. 50 s.s. 8, the Board may hear an appeal from an applicant for an amendment to a Restricted Area By-law when the Council neglects or refuses to act within a certain specified time.

RETIREMENT OF UNMATURED DEBENTURES—R.S.O. 1937, C. 60 as re-enacted by O.S. 1939, C. 47, Section 26, amended by O.S. 1941, C. 40, Section 1:

This amendment to the Ontario Municipal Board Act, gives the Board power to approve of the issue of debentures, without the assent of the electors, for the retirement of debentures which are redeemable before maturity, and of the issue of debentures to pay for the money required for such purposes.

SEWAGE AND SEWAGE DISPOSAL WORKS—R.S.O. 1937, C. 299, Section 101:

Subsection 12 provides for the stopping up of a highway for the purpose of sewage system, with the approval of the Board, upon an application made to it for such purpose, and imposing terms and conditions.

SINKING FUNDS—R.S.O. 1937, C. 266, Section 326:

Approval of the Board is necessary to the purchase of debentures by a municipality from its Sinking Fund. The total investment of Sinking Funds of a municipality in its own debentures is limited to 25% of the total fund.

O.S. 1939, C. 30, Section 18, Sec. 321 (a) amended by O.S. 1946, C. 60, S. 44.

Use of surplus in the Sinking Funds, where there is sufficient to take care of all the debentures.

O.S. 1939, C. 30, Section 18:

Authority to a municipality, with the approval of the Board, to dispense with a further levy where the amount in the Sinking Fund is sufficient to take care of the debentures.

STERLING, ISSUE OF DEBENTURES IN—R.S.O. 1937, C. 266, Section 306 (3):

Debentures may be issued in sterling with the approval of the Board.

SUBURBAN AREA DEVELOPMENT ACT—R.S.O. 1937, C. 271, Section 6:

Approval of the Board of an agreement with reference to setting up of a Suburban area development.

SUPERVISION OF MUNICIPALITIES—R.S.O. 1937, C. 59.

TARIFF OF BOARD'S FEES—R.S.O. 1937, C. 60, Section 107, as re-enacted by O.S. 1939, C. 47, Sec. 26 (3):

The fixing by the Board, with the approval of the Lieutenant-Governor-in-Council, of a tariff of fees to be collected by the Board for the performance of its duties.

TAX RATE—R.S.O. 1937, C. 266, Section 315, subsection (2):

A municipality may levy a sum greater than 2½% on the dollar of the assessed value of properties, with the approval of the Board. This section provides that a Council may not levy more than 2½% on the dollar for municipal purposes.

TELEPHONES—R.S.O. 1937, C. 261:

Provides for the Board's jurisdiction over municipal and other telephones within the province.

TOWNS ERECTED INTO CITIES—R.S.O. 1937, C. 266, Section 19 (amended O.S. 1944, C. 39, Section 2):

The Municipal Board may erect a town having a population of not less than 15,000 into a City and declare the name which it is to bear.

TOWNSHIP—R.S.O. 1937, C. 266, Section 30:

Separation, by the Municipal Board, of a junior Township in unorganized territory from a union of Townships.

TOWNSHIPS ERECTED INTO CITIES—R.S.O. 1937, C. 266, Section 19 (amended O.S. 1944, C. 39, Section 2):

The Municipal Board may erect a township having a population of not less than 25,000 into a City and declare the name which it is to bear.

TOWNSHIPS, INCORPORATION OF—R.S.O. 1937, C. 266, S. 24, (re-enacted O.S. 1944, C. 39, Sec. 3), amended O.S. 1946, C. 60, S. 6.

TOWNSHIPS, UNORGANIZED—R.S.O. 1937, C. 266, Section 426:

Passing of By-laws by the Council of a Township in an unorganized territory, having a population of not less than 5,000 and which has been declared, by the Order of the Municipal Board, to be a Township, and the erection of such Township or part of it into a Town.

VALIDATION OF DEBENTURE BY-LAWS—R.S.O. 1937, C. 60, Section 64:

Authority to validate debenture By-laws and to certify the debentures to be issued thereunder. After the issue of the validation Order the By-law is binding upon the Corporation and its validity may not be contested or questioned for any cause whatsoever.

VILLAGES ERECTED INTO TOWNS—R.S.O. 1937, C. 266, Section 19: (amended O.S. 1944, C. 39, Section 2):

The Municipal Board may erect a village having a population of not less than 2,000 into a Town and declare the name which it is to bear.

VILLAGES, POLICE—R.S.O. 1937, C. 266, Section 527 (4):

Extension of the boundaries of Police Villages—where County Council does not act. (R.S.O. 1937, C. 266, Section 526 (3).

Approval of formation of Police Villages—where County Council does not act.

VOTE OF ELECTORS—R.S.O. 1937, C. 60, Section 69.

The Board may, where the assent of the electors qualified to vote on Money By-laws is required, dispense with the vote of the ratepayers after due enquiry, providing that a Public Hearing is held and that all the members of the Board are unanimous in dispensing with such vote.

WARDS, DIVISION OF CITIES, ETC., INTO—R.S.O. 1937, C. 266, Section 44, as re-enacted by O.S. 1946, C. 60, S. 7.

The division of Cities and Towns into Wards, with the approval of the Municipal Board.

WATER RATES, FIXING OF—R.S.O. 1937, C. 60. Sec. 59 (ii), enacted by O.S. 1940, C. 20, Section 1:

The determination by the Board of the application by any municipality to confirm, vary, or fix rates charged or to be charged in connection with water supplied thereto by any other municipality.

WEIGH SCALES, AND WEIGHING OF COAL—R.S.O. 1937, C. 266, Section 406 (11).

With the approval of the Municipal Board, and within the limitations, restrictions and under the conditions prescribed by an Order of the Board, Bylaws may be passed by municipalities as to the weighing of coal and coke.

WORKS ORDERED BY THE DOMINION RAILWAY BOARD AND THE ONTARIO MUNICIPAL BOARD—R.S.O. 1937, C. 266, Section 307 (3) (4):

Approval of the borrowing of money by a municipality for works ordered by either of these Boards.

In addition there is much legislation which comes before the Private Bills Committee, referring particularly to the municipalities asking for such legislation, in which certain matters are referred to the Board for approval.

ABSTRACT AND SUMMARY

DECISIONS OF THE BOARD

ANNEXATION

P.F. B-4549

IN THE MATTER of Section 20 of "The Municipal Act" (R.S.O. 1937, Chapter 266), and

IN THE MATTER of the application of the Corporation of the City of Cornwall for approval of the annexation thereto of certain lands of Canadian Cottons Limited lying in the Township of Cornwall.

J. G. Harkness, Esq., K.C. .... Counsel for City of Cornwall

R. Danis, Esq., K.C. .... Counsel for Township of Cornwall

C. J. McDougall, Esq. .... Counsel for County of Stormont

J. W. Pickup, Esq., K.C. .... Counsel for Canadian Cottons Limited

DECISION OF THE BOARD

This is an application by the City of Cornwall, at the request of Canadian Cottons, Ltd., for the annexation to the City of Cornwall of two parcels of land, owned by Canadian Cottons, Ltd., which parcels are more fully described in the application.

One of the said parcels extends to the Easterly limit of the City at McConnell Avenue in the Township, and is almost entirely covered by a part of one of the buildings owned by Canadian Cottons Ltd. The Easterly limit of the City runs through the said buildings, but it is said that the exact position of the said limit has never been fully determined. These buildings have been erected for many years, the latest one in 1938. There is no entrance from the said buildings or lands to McConnell Avenue. On the other parcel is erected a power house owned by Canadian Cottons Ltd. across the Cornwall Canal. Between this parcel and the City limit there is a parcel of land owned by the Canadian Government.

The applicants say that Canadian Cottons Limited would prefer to have all their property assessed within one municipality; that owing to one of the buildings being within two municipalities and the fact that no one seems to know where the limit between the two municipalities is, there is difficulty in making a proper assessment; that, although the buildings on both parcels have been erected for many years, no reduction of assessment has been made; and that all services are given by the City.

Counsel for the Township says that the application is made because the City wants the taxes on these properties, and the rate of assessment is higher in the Township than in the City; that the Township needs those taxes, and that it has undertaken works, believing that those taxes would assist in paying for those works, and if it loses the assessment, the taxes on the remaining part of the Township would be raised; that the Township pays the City for fire protection and all other services given by the City to the Township; and that if these parcels of land were detached from the Township, it would not decrease the amount of the payments made by the Township to the City for these services. The assessment on these lands is $359,600.00 on which the owners pay about $13,000.00 taxes each year, and the Township claims that the loss of these taxes would be a serious matter for the Township.

A few months ago the Township of Cornwall made application to this Board for the annexation to the City of a large portion of the Township, which portion included the lands of some large industries as well as lands which would not be developed for many years, if ever. The real reason for this application was that, in the equalization of assessment for County purposes, these properties had been assessed for full value, and that as a result of the new assessment the County taxes had become too heavy a burden for the Township to bear. The City did not oppose this application but the City Solicitor personally, and the County Solicitor, opposed it strenuously, contending that the City did not need the area for expansion, and the loss of revenue would be serious to the County. The application was refused.

This application is made under Section 20 of The Municipal Act, which provides:

> "20 (1) Where the council of a city or town by resolution declares that it is expedient that part of an adjacent township should be annexed to the city or town, and the majority of the municipal electors in such part petition the Municipal Board to add the same to such city or town, and after due notice of such resolution and petition has been given by the council of such city or town to the council of such adjacent township, and also, where the part is proposed to be added to a city or to a separated town to the council of the county in which the township is situate, the Board may, by order to take effect upon a day to be named therein, annex such part to the city or town upon such terms and conditions as to the adjustment of assets and liabilities, taxation, assessment, improvements, or otherwise, as may have been agreed upon or as shall be determined by the Board; provided, however, that should the terms and conditions agreed upon not meet with the approval of the Board, the petitioners or the city or town may withdraw from the proposed annexation."

Although the word "expedient" is used and means "proper under the circumstances", the Board is of opinion that because a ratepayer asks that his lands be detached from one municipality and annexed to another is not sufficient, and that the object of the section is to allow a city or town to make an application for annexation of part of an adjacent municipality by showing that such annexation is necessary for the proper development of the said city or town or by reason of the adjacent municipality not providing proper services or allowing the improper development of the said part or some other reason which might prejudicially affect the adjoining area in the city or town, or the inhabitants thereof.

In this application the real reason for the application is that the owner would prefer to have all his assessment within the City. There is no evidence that there has been any difficulty in making a proper assessment, and no evidence that its lands and buildings have been over assessed. On the other hand, the Township and the County both claim that the annexation would at least to some extent affect the financial set up of those municipalities.

Having considered the contentions advanced, the Board finds that there has not been sufficient reasons advanced to warrant it in granting the application, and it is therefore dismissed.

The applicant having paid the Board's fees, there will be no order for costs to either party.

DATED at Toronto this 8th day of April, A.D. 1946.

R. S. COLTER,
Chairman.
W. J. MOORE,
Member

ARBITRATION

P.F. B-835
P.F. B-4916

IN THE MATTER of "The Highways Improvement Act" (R.S.O. 1937, Chapter 56, and Amending Acts), and

IN THE MATTER of "The Public Works Act" (R.S.O. 1937, Chapter 54, and Amending Acts), and

IN THE MATTER of lands expropriated thereunder, being Lots 9, 10, 11 and 26, and parts of Lots 12, 13, 14, 23, 24 and 25 as shown on Registered Plan No. 14, and Lots 135 and 136 and the lane to the north-east thereof as shown on Registered Plan No. 29-T, City of Niagara Falls, County of Welland, Province of Ontario, and

IN THE MATTER of the claim of David Gordon Bawtinheimer arising from the expropriation of the said lands and of his interest as Lessee of the property known as "Blue Goose Linen Shop" on lands of Kate L. Melbourne.

COUNSEL:

F. W. Griffiths, Esq., K.C. .... For Claimant
G. W. Mason, Esq., K.C. .. For Department of Highways (Respondent)

DECISION OF THE BOARD

This is an arbitration to determine the value to the Claimant, David Gordon Bawtinheimer, of certain lands in the City of Niagara Falls, expropriated by the Department of Highways of the Province of Ontario.

On the 31st day of July, 1939, notice of expropriation, of Lots 9 to 14 inclusive and Lots 24 to 26 inclusive in Block 14 of the said City, was given to the Claimant, the owner, by the Department of Highways, (Ex. 10).

On discovery that the lands intended to be expropriated were improperly described, the Department of Highways, on the 16th April, 1940, served an amended notice of expropriation, describing the lands to be expropriated as being that land purchased by the Claimant from the Canadian National Realties Limited, being Lots 9, 10, 11, and 26, and parts of Lots 12, 13, 14, 23, 24 and 25, in Block 14, in the said City of Niagara Falls. (Ex. 11).

On the 18th March, 1942, Notice of Expropriation of Lots 135 and 136 and the lane to the north-east thereof in Plan 29-T of the City of Niagara Falls, was given to the Claimant by the Department of Highways. This land is spoken of as the Consular property and is dealt with in another arbitration.

On the 26th day of January, 1940, a Notice of Claim in the sum of $121,445.11 (Ex. 6) was sent to the Department of Highways by Messrs. Balfour, Drew and Taylor, on behalf of the Claimant. This claim included a claim for the Consular property.

On the 29th November, 1941, particulars of the claim as filed were asked for by Messrs. Mason, Foulds, Davidson & Gale, on behalf of the Department of Highways. (Ex. 13).

On the 30th December, 1941, the Chief Property Valuator for the Department of Highways wrote the claimant (Ex. 22), offering on behalf of the Department the sum of $25,500. in full settlement of "your claim including interest" and saying "in our opinion this amount is larger than that to which you are entitled, but we are willing to pay this amount for the purpose of avoiding an expensive arbitration". This did not include the Consular property.

On the 5th January, 1942, Messrs. Mason & Co., on behalf of the Department of Highways, sent to Messrs. Balfour & Co. a copy of an appointment (Ex. 16) for the hearing of this arbitration before the Board, which appointment fixed the 13th January, 1942, for the hearing of the arbitration, and informed them that the appointment had been served on Bawtinheimer on the 29th or 30th December, 1941.

On the 7th January, 1942, Messrs. White, Ruel and Bristol, Barristers, Toronto, wrote to Messrs. Mason & Co. (Ex. 17), advising that they had just been retained by Bawtinheimer, and asking that the hearing be adjourned to a date to be agreed upon.

On the 20th May, 1942, Messrs. White & Co. wrote to Messrs. Mason & Co. (Ex. 19), advising that the 23rd of June would be the earliest date they could go on with the hearing.

On the 9th June, 1942. Messrs. White & Co. wrote to The Hon. T. B. McQuesten, Chairman, Niagara Falls Bridge Commission, (Ex. 31) as follows:

> "On behalf of David C. Bawtinheimer we herewith demand immediate payment of the sum of $124,245.11 with interest thereon at the rate of 5% per annum from the 31st day of July, 1939, in respect of property of his in the City of Niagara Falls taken, used and occupied by you as follows:
> Lots 9, 10, 11 and 26, and parts of Lots 12, 13, 14, 23, 24 and 25, as shown on Registered Plan No. 14, City of Niagara Falls, County of Welland, Province of Ontario.
>
> Please take notice that failing immediate payment we are instructed by Mr. Bawtinheimer to petition the Governments of Canada and the United States to direct a reference to the International Joint Commission pursuant to Treaty between the United States and Great Britain dated the 13th May, 1910, and the Statutes of said countries respecting same to determine that your Commission is illegally occuppying the said lands and for appropriate relief in the premises.

On the 28th October, 1942, Messrs. Mason & Co. wrote to Messrs. White & Co. (Ex. 23), as follows:

> "Confirming our telephone conversation today, I intend taking out an appointment some day during the week of November 9th to obtain directions from the Ontario Municipal Board fixing a time and place for proceeding with this arbitration.
>
> We again draw your attention to the fact that your client is still in default in giving the particulars requested in our letter to Messrs. Balfour, Drew & Taylor, dated November 29, 1941."

On the 7th November, 1942, Messrs. White & Co. wrote to Messrs. Mason & Co. (Ex. 24), as follows:

> "With reference to your letter of October 28th, we have been in touch with our client who, as previously explained to you, feels that his case is on all fours with the Melbourne case which is the subject of legal proceedings both here and in New York State questioning the validity of the expropriation by the Department of Highways. Accordingly, he feels, and we feel, that Mr. Bawtinheimer's case should stand pending the disposition of the Melbourne litigation. We have not pressed on with the latter in Ontario because first the New York litigation is proceeding and secondly, because your defence in the Ontario action was not filed until recently and we understood that the appeal in New York was going ahead at once. However, we now propose to press on the Melbourne action here and our reply will be delivered early next week and the case set down for trial.
>
> If you still insist on taking out an appointment before the Municipal Board in the Bawtinheimer case, our instructions are to issue a Writ on behalf of Mr. Bawtinheimer similar to that issued in the Melbourne case and against the same defendants disputing the validity of the expropriation. In that event, I would ask you whether you would be prepared to admit service on behalf of the defendants without the necessity of personally serving them."

On the 30th January, 1945, one, H. L. Cummings, who claimed Bawtinheimer to be "an old and close friend" wrote to the Minister of Highways, saying he had been asked by Bawtinheimer to bring about an amicable settlement of the claims arising out of "certain lands at Niagara Falls being forcibly taken . . . " and asked for $125,000. made up as follows:

1. "Lower parcel"—Lands at the junctions of and fronting on Newman Hill, Alma Street, and Bender Street, wholly taken and now occupied by portions of the bridge plasa and works: $75,000.
2. "Blue Goose parced"—The small leasehold parcel on which the Blue Goose Store building was erected on Falls Avenue approximately opposite the General Brock Hotel: No sum to be included.

The parcel of land numbered 1, mentioned as "Lower parcel" is the land for which the Claimant claims compensation in this arbitration.

The "Blue Goose store", numbered 2, was erected by the Claimant on lands belonging to one, Melbourne, in 1934, under a lease for ten years, at the expiration of which time the building was to become the property of said Melbourne. This Claim is included in this arbitration.

The letter also mentioned the claim for the "Upper parcel"—$50,000. This referred to a parcel of land on which was erected a house occupied by the U.S. Consul and which is the subject of another arbitration.

At the request of the Department of Highways, an appointment, dated the 16th day of May, 1946, was issued by this Board, fixing Monday, the 17th day of June, A.D., 1946, at the hour of ten o'clock in the forenoon at the Administration Building, Niagara Parks Commission, in the City of Niagara Falls, for the hearing of this arbitration.

On the 17th June, 1946, at 10 a.m., F. W. Griffiths, K.C., of Niagara Falls, appeared with Mr. Bawtinheimer before the Board and asked for an adjournment on the ground that:

1. He had been consulted by Bawtinheimer only a few days before and had not sufficient time to prepare his case.

2. His client had left all papers with Mr. Diefenbacher at Ottawa and he would not be able to get them until June 19th.

Mr. Mason, on behalf of the Department of Highways, refused to consent to an adjournment because there had been such a long series of delays in the prosecution of this claim, and he had twenty-five days' notice of this hearing. He also said that one, Duff, had an assignement of money obtained under the claim, and the Department want it disposed of as soon as possible.

The Board granted an adjournment to July 2, 1946, when the Claimant promised he would be ready to proceed, and he agreed to pay the costs of the day.

When the case was called on July 2nd, Mr. Griffiths informed the Board that he was ready to go on, but that he reserved all his legal rights, and that he had no evidence to offer.

Mr. Mason, on behalf of the Department of Highways, filed Exhibits 1 to 28 inclusive, which were admitted by the Claimant, and a declaration by one, Shore, the tenant of the Blue Goose store, showing that he paid Bawtinheimer as his share of the proceeds of sales, in lieu of rent:

In 1935	$440.37
In 1936	$992.09
In 1937	$944.80
In 1938	$400.65
In 1939	$393.35

and that the taxes were about $25. per year. The building was to revert to Melbourne in 1944.

Robert E. Young, a Real Estate Broker of Niagara Falls, called by the Respondent, who has had a wide experience in the purchase and sale of properties in Niagara Falls and the vicinity, said that in his opinion the value of the said property, Parcel numbered 1, was the same as when the Claimant purchased it—$14,000. He compared it with the sale price of other properties in the area. In his opinion the property in question was worth about 56c per square foot and contained about 24.120 square feet.

In cross-examination by Mr. Griffiths, he said that the location of the property in question was not nearly so valuable as property on the River Road and that he had valued its potential income for tourist purposes.

W. H. Bosley, who has had thirty -five years' experience in dealing in and valuing real estate throughout Canada but more particularly in Ontario, examined this and other properties in Niagara Falls on behalf of the Department in 1940 before any change was made in the locality. He said the property was irregular in shape and its use was limited. He examined the three leases (Ex. 3, 4 & 5) held by the Claimant, in which the Claimant had an option to purchase the land for $14,000. and said that in his opinion the value of the property had not increased between the date of the first lease, May 26, 1937, and the date of expropriation, and the potential value was not more than $14,000. when expropriated.

N. H. Richardson, Chief Property Valuator for the Department of Highways, who has had an extensive experience in the valuation and purchase of all classes of property, compared this property with other properties he purchased in the vicinity at that time. He said he paid Sanson $1,950. for land having a frontage of 30'—or 51c per square foot. He paid Cole for property on Bender Hill 43c per square foot. He paid Misener for property on Bender Hill near Falls Avenue at the rate of $45. per frontage foot— or about 50c per square foot—for one parcel of land and 43c per square foot for another parcel. He paid Geary for land at the northeast corner of Falls Avenue and Bender Hill $80 per frontage foot—or 61c per square foot.

The Respondent then announced that he closed his Defence.

The Claimant, Bawtinheimer, was called. Mr. Mason objected to any evidence, except evidence in Reply, being given on behalf of the Claimant. The evidence was received by the Board, subject to the objection.

Bawtenheimer said that the old bridge went down on the 27th January, 1936, that he had been in possession of this land as tenant, with an option to purchase, since 1934, and that he had exercised his option and had purchased the property for $14,000. in 1939. He produced a sketch (Ex. 34) of a tourist lodge, to be erected on his land facing the Brock Hotel but on the side farthest from the hotel, the cost to be about $22,000. The lot was rock and very uneven and he filled it in and graded it, which "filling" he valued at $777.70. He says he also paid to the Vendors $180. which the Vendors had paid for Taxes. The Council of Niagara Falls refused the Respondent a permit to construct an amusement park on these lands and he then decided to construct a minature golf course. He said that his returns from the American Consulate property, situated north of Bender Street, show that property is worth $4.97 per square foot, and that that property is not so valuable as the property in question.

On cross-examination, he admitted that his lease provided for the erection of a building at a cost of at least $15,000., that he had a draft plan prepared but that when he found that the cost would be $22,000., he was not prepared to finance it. There were outstanding judgments against both himself and his Company, and that he had asssigned to one, Duff, all moneys due to him.

Alonso B. Robertson, a General Contractor, called by the Claimants, said that in his opinion the value of this property would compare favourably with the value of land at the corner of King and Bay Streets, Toronto, $5,000. per foot, because of its location and earning capacity. In his opinion the value of these lands increased after Oakes Theatre was constructed because there was no other place for business to go.

On cross-examination, he said the Oakes Theatre was opened in 1937. He said that at King and Bay Streets, Toronto, a lot 50 x 100 would be worth $5,000. per foot and that the potential value of property on Newman Hill was $5,000. per foot. By potential value he said he meant earning power when developed, for Hotel sites, souvenir stores, &c.

The old bridge extended across the river at a point opposite Lot 10, west of the River Road. In 1927, a new road (Newman Hill), on which the property in question fronts, was constructed to give traffic from the West a better approach, and to relieve congestion. The frontage on this road was never developed, but remained in the original condition until after the Claimant purchased it in 1939. In 1929, the General Brock Hotel was constructed. In 1932 the Clifton House Hotel was burned and the site was purchased by Sir Harry Oakes for the construction of the Oakes Garden Theatre. In 1932, the International Railway ceased operations. In burned and the site was purchased by Sir Harry Oakes for the construction of the Goose Garden Theatre. In 1932, the International Railway ceased operations. In 1933, the Lafayette Hotel, after having been seriously damaged by fire in 1932 and having been repaired, was purchased by Oakes and torn down and the site was included in the Garden Theatre. In 1937, the Oakes Garden Theatre was opened.

The value to be ascertained is the value of the property at the time of expropriation with all its existing advantages and all its possibilities, excluding any advantage due to the carrying out of the scheme.

Fraser v. Fraserville—34 D.L.R., 211.

Toronto Suburban Railway v. Everson—54 S.C.R.

The predominating and most lucrative business in that part of Niagara Falls was the providing of meals and the sale to tourists of blankets, china, and souvenirs. Lunch rooms and stores for this purpose were located principally on River Road. Some were located on Clifton Road, and one on Falls Avenue. None were located on Newman Hill.

When the Claimant purchased this property, he considered erecting tourist accommodation but, when he found the buildings would cost $22,000., he abandoned it. He then considered the construction of an Amusement Park, but a permit was refused by the City. He then decided to use it as a Miniature Golf Course. At no time did he consider developing it by the erection of stores or restaurants and on the evidence the Board finds that it could not have been profitably developed for such purposes. The Board also finds that this property was not worth more than $14,000. when the Claimant purchased it, and that it did not increase in value after he acquired it, except to the extent of the improvements he made, which improvements amount to the sum of $2,100.68.

The Blue Goose store: This store was erected on Newman Hill by the Claimant in 1934 on land belonging to one, Melbourne, the store to become the property of Melbourne at the end of ten years. Claimant leased the store to one, Shore, the rental to be 15% of the sales up to $3,000. and 17½% on all sales over $3,000. The Claimant received the following rentals:

1935	$440.37	
1936	$992.09	
1937	$944.80	
1938	$400.65	
1939	$393.35	
		$3,171.26

The taxes amounted to $25. or $26. per year. It should be noted that the Oakes Garden Theatre was being constructed in 1936 and was completed and opened in 1937, and that the Bridge fell in January, 1938. The Claimant should be paid a reasonable sum for the rentals he would have received for the years, 1940, 1941, 1942 and 1943—4 years. The average rental for the five years mentioned was about $635. per year. The Claimant asks that he be paid $700. per year for four years—$2,800. The Board finds that a reasonable allowance for this part of the claim is $2,500.00.

The Claimant was in possession of and was improving the Miniature Golf Course, and was also in receipt of rentals from the Blue Goose property, and the Board finds that he is entitled to the sum of $1,000. for forcible taking.

It was agreed between the parties that the Claimant is entitled to improvements, including awnings to the stucco building, amounting to $1,963.88.

The Board finds that the Claimant is entitled to, and should be paid, the sum of $2,5000. for lose of rents from the "Blue Goose Shop" for the balance of the term of ten years.

The Board finds that the Claimant is entitled to Interest at 5% on $21,563.50 for one and one half years—$1,617.27.

The amount due to the Claimant, including all damages and other claims arising out of the expropriation, is, therefore:

Value of the lands expropriated	$14,000.00
Improvements to stucco buildings	1,963.88
Improvements to Golf Course	1,322.98
Grading	777.70
Rent, Blue Goose property	2,500.00
Forcible taking	1,000.00
Interest, 1½ years at 5%	1,617.34
Total	$23,181.90

The Claimant shall pay the Board's fee fixed at $125.00, which sum shall be deducted by the Department from the amount due the Claimant, and shall be paid to the Board.

The Claimant shall also pay to the Respondent the costs of the Respondent for the day in respect to the first appointment, namely, the 17th June, 1946, to be taxed, unless agreed upon, by the Taxing Officer at Toronto.

There will be no further order as to costs.

DATED at Toronto the 2nd day of January, A.D., 1947.

R. S. COLTER,
Chairman.
W. P. NEAR,
Vice-Chairman

ASSESSMENT APPEALS

P.F.B-3953

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

THE CORPORATION OF THE CITY OF TORONTO
Appellant

—and—

McCOLL-FRONTENAC OIL COMPANY, LIMITED
Respondent

(Appeal from Decision of His Honour the County Court Judge respecting the assessment on Income received by McColl-Frontenac Oil Company Limited in the year 1940 and 1941).

COUNSEL:

J. P. Kent, Esq., K.C.	Counsel for the Appellant
H. E. Manning, Esq., K.C. Wm. Zimmerman, Esq., K.C.	Counsel for the Respondent

DECISION OF THE BOARD

This is an appeal from the Judgment of His Honour Judge Macdonell, allowing an appeal by the Respondent from the decision of the Court of Revision confirming an assessment, in 1941 and 1942, of the McColl-Frontenac Oil Company, Limited for Income received in the years 1940 and 1941.

The Corporation Income Return for 1940 shows:

1. Profit or Gain, &c.	$982,727.08
2. Income from Mortgages, &c.	59,447.68
4. Income from Dominion of Canada and Province of Quebec Bonds	1,194.27
5. O'Brien Gold Mines Ltd.	496.00
Windsor Mills Flying Training-School Ltd.	440.94
	1,044,305.97
Total Deductions	1,044,305.97
Exemption	1,500.00
	1,045,805.97

Assessable Income: Nil.

The financial state of the Company for the year, 1940, P.5, shows:

Income from Investments $61,578.89
being Items, 2, 4 and 5 above.

The Corporation Income Return for 1941 shows:

1. Profit or gain	$759,570.16
2. Mortgages: Subsidiary Tanker Companies	36,193.33
Mortgages on Customers' premises	32,640.66
4. Dominion of Canada Bonds	702.76
Prov. of Br. Columbia Bonds	208.22
Prov. of Quebec Bonds	93.49
5. Income from Stocks:	
O'Brien Gold Mines, Ltd.	200.00
Windsor Mills Flying Training School	750.00
Total Income	$830,358.62

11. Statutory Exemption	1,500.00
12. Income derived from business	830,358.62
Total deductions	836,858.62
Total Income	830,358.62
Assessable Income	Nil

Exhibit 3, filed, shows:

Income From Investments

Government Bonds	Eleven Months ended December 31st, 1940	Year ended December 31st, 1941
Dominion of Canada	$907.63	$702.76
Province of Quebec	286.64	93.49
Province of British Columbia		208.22
	$1,194.27	$1,004.47
Other Securities		
Windsor Mills Flying Training School, Ltd.	440.94	750.00
O'Brien Gold Mines Ltd.	496.00	200.00
	936.94	950.00
Mortgage Interest		
Subsidiary Tanker Companies	34,055.58	36,193.33
Customer Premises	24,095.73	30,157.03
	$58,151.31	$66,350.36
Interest on Sale Agreements with Customers	899.59	747.83
Interest on Loans to Customers	396.78	1,731.95
	$61,578.89	$70,784.61

The Respondent was assessed for Income in the years 1941 and 1942 as follows:

1940 Taxable Income of $60,078. on which 1941 assessment made (taxes payable—$2078.70).

1941 Taxable Income of $69,288. on which 1942 assessment made. It disputes:

1. Mortgage Interest.

2. Interest on Sale Agreements.

3. Interest on Loan Agreements, claiming that it has been assessed for premises occupied and used by it for the purposes of its business for a sum called business assessment, and that the income from Mortgage Interest, Interest on Sale Agreements, and Interest on Loan Agreements are exempt from the payment of Income Taxation.

The Respondent has its head office at Toronto and carries on business as manufacturers and distributors and dealers in petroleum and other oil products. It owned a Refinery and other properties in Toronto on which it has been assessed as a manufacturer for a sum called business assessment. It formerly owned three tankers used for conveying oil to its refining plants at Montreal and Toronto. In 1931, three companies were formed, the shares of which were owned by the Respondent. Each of these three companis purchased from the Respondent one of these tankers. At the time of the purchase, the Respondent owed to the builders of the tankers a balance on the cost. The new companies each assumed the balance due to the builders and agreed to pay to the Respondent the balance of the purchase price with interest at 6%. They paid no dividends but did pay to the Respondent interest on the balance of the purchase price. The appellant claims that this interest is income not derived from the business for which the Respondent is assessable.

The Respondent loaned money by way of mortgages and otherwise to the operators of gasoline service stations, and, where such loans were made, received agreements from such operators that the operator would sell only gasoline and oils purchased from the Respondent and would repay the amount of the advance with interest. The appellant claims that the interest on these advances is income not derived from the business for which the Respondent is assessable.

Exhibit 3, filed by the Respondent. is a list of the "Income from Investments" in 1940 and 1941. Exhibit 2A and 2B (Corporation Income Returns) also show that the Income received on Mortgages and advances is treated as "Income from Investments". In filing Ex. 3 before the Judge, Mr. Manning stated (p.12 of Evidence) that "It is submitted without acceding it is income from Investments".

Witness Jones, who is Assistant Secretary of the McColl-Frontenac Oil Co., Ltd., said that the Respondent purchases crude oil in South America and this oil is transported to Montreal by ocean tankers which are under long term charters. It also purchases crude oil in the U.S. which is transported from Great Lakes ports by Lake tankers, some of which are chartered, to Montreal and Toronto. The tankers owned by the Subsidiaries are also used in this transportation. After this crude oil is refined it is transported by tankers to "marine terminals" of large storage capacity and from those terminals the gasoline is transported by rail or truck to the distributing centres, or outlets.

The income of the subsidiaries is derived from freight earned by carrying cargoes for the Respondent. Their head office is at Montreal but their books are kept at the McColl-Frontenac offices at Toronto. In answer to the question, p.19, L.10: "who directs the making of voyages to carry cargoes?", witness Jones said: "Usually done by an operating department at executive office at Montreal; they arrange cargo space for the vessel". P.25, L.11: Q. "Do they render bills to you. S/S Cyclo Limited render a bill of lading?" A. "It is done through inter-company account. There would be an entry made in subsidiary company's book."

In examination as to the manner in which expenses, wages, and salaries of the subsidiaries were paid, P.25, L.29, Mr. Manning asked: "Yes, from time to time the parent company would give subsidiary company cheque which would cover amount owing according to your books for ship and subsidiary carry on from there and would, of course pay this interest to parent company as it became due as well."

Mr. Manning contends that the Judgment of the County Court Judge is right because the evidence shown that all shares in the Subsidiaries are held by the Respondent, that the Respondent treated the subsidiary as carrying on the Respondent's business, that the interest received from the subsidiaries by the Respondent was money earned by the Respondent in its business.

On the other branch of the case, Mortgage Interest on Customers' premises and Interest on Sales Agreements with customers; the Respondent owns some outlets which it rents to persons who enter into contracts, agreeing not to sell any products which are in competition with Respondent's products. The rents received are not in dispute. In other cases, money is loaned on Mortgages or Notes to the owners of gasoline stations, and the said owners of these stations agree that they will not sell products which are in competition with the products manufactured by the Respondent. These owners sell other products not manufactured by the Respondent, repair cars, &c. The Respondent claims that advancing money for the purpose of increasing outlets for sale is the business of the company and that any interest paid thereon is part of the income of the Company from its business.

The Notices of Assessment for business have not been filed. The Judge has found:

> "The business of the appellant company might be shortly described as manufacturers and distributors of and dealers in petroleum and other oil products and by-products. The Company buys crude oil in South America and United States Gulf Ports, which it transports to Montreal by chartered tankers. It also brings in crude oil from Great Lakes ports in tankers, some of which are owned by subsidiaries of the company and some of which are chartered. The oil thus obtained is refined at Montreal and Toronto, and it is then moved by tanker to marine terminals, where bulk storage

> plants are located. From these storage plants distribution takes place by tank cars to bulk stations owned by the company, and thence by tank trucks to the various distributors, some of which are company owned and some independent.
>
> "Among the principal objects of the company they are empowered:
> (e) To erect, maintain and operate gasoline and oil stations; and among the ancillary objects, they are authorized:
>
> "(f) In connection with the business aforesaid, to purchase, charter, hire, build or otherwise acquire steam and other ships or vessels, vehicles and other means of transport both by land and water and the equipment and furniture thereof and to carry on the business of shipowners, merchants, carriers by land and water, warehousemen, wharfingers, barge owners, lightermen, forwarding agents of ships, goods and other property:
>
> "It is admitted that the company is assessed for business at three different locations in Toronto, namely, its offices, a refinery and a warehouse.

This part of the judgment is not disputed by either of the parties and it must be assumed by the Board that the appellant company was assessed at the three premises as "manufacturers and distributors of and dealers in petroleum and other oil products and by-products".

Sec. 9, ss.1, of the Assessment Act, is as follows:

> "9 (1) Subject to the exemptions provided for in sections 4 and 8,—
>
> "(a) every corporation not liable to business assessment under Section 8 shall be assessed in respect of income;
>
> "(b) every corporation although liable to business assessment under section 8 shall also be assessed in respect of any income not derived from the business in respect of which it is assessable under that section.
>
> "(2) The income to be assessed shall be the income received during the year ending on the 31st day of December then last past."

The question to be decided by the Board is: Was the interest paid to the Respondent on the balance of the purchase price of the tankers, and on loans to customers and on Sales Agreements and Mortgages, income not derived from the business in respect of which it is assessable under Section 8 of "The Assessment Act".

That the Interest paid to the Respondent on the balance of the purchase price was money earned by the tanker companies in the business carried on by those companies is not disputed. Mr. Manning argues that the business carried on by those companies was the business of the Respondent.

As was said by the Lord Chancellor (Lord Halsbury) in Salamon v Salomon 1897 A.C.22, at p.33:

> "My Lords, the truth is that the learned judges have never allowed in their own minds the proposition that the company has a real existence".

In the same case Lord McNaughton, at p.51, said:

> "The company is at law a different person altogether from the subscribers to the memorandum; and, though it may be that after incorporation the business is precisely the same as it was before, and the same persons are manager, and the same hands receive the profits, the company is not in law the agent of the subscribers or trustee for them."

It is no business of this Board how these subsidiaries carry on their business: how much or how little they are paid for services rendered to the Parent Company, but whatever money they earn is their money with which they pay their expenses and debts. The balances of the purchase price owing to the Respondent by these tanker companies are debts of the tanker companies. The interest on those debts, paid to the Respondent was paid out of those earnings. The fact that the Respondent owned all the shares in those companies does not matter. It is a shareholder only and, as such, is entitled to receive the dividends declared by those companies out of the profits. It does not matter whether the Respondent elects one or all of the directors of the Subsidiary or whether those directors are officers or directors of the parent company. Each subsidiary is a legal entity distinct from the parent company (the Respondent). The three subsidiaries carry on the business of transportation of oil and other products, and this business is not carried on in the premises for which the Respondent has been assessed a sum called business asssessment; the Respondent carries on the business of the manufacture of oils and petroleum products. The operations are separate and distinct.

The Board finds that the Tanker Companies are carrying on their own business and not the business of the Respondent; that the money earned by them is their own money; that they pay their own debts; that until the Company declares dividends, any surplus belongs to the Tanker Companies and not to the Respondent, and that when the Respondent receives interest from those Companies, that the interest is not income derived from the business of the Respondent, for which it has been assessed a sum to be called business assessment.

The Board also finds that the interest on money loaned to operators of service stations is not income from the business of the Respondent, for which the Respondent has been assessed a sum to be called business assessment. It is money paid out of the earnings from the business of the operators of Service Stations.

The Appeal is, therefore allowed, with costs to be taxed by the Taxing Officer at Toronto on the Supreme Court scale. The assessment of the Respondent for 1941 for income of $60,078.00 and for 1942 of $69,288.00 shall be restored. The Respondent shall pay the Board's fee fixed at $100.00.

Judgment accordingly.

DATED at Toronto the 31st day of July, A.D., 1946.

(Sgd.) R. S. COLTER,
Chairman

(Sgd.) W. P. Near,
Vice-Chairman

P.F. B-4145

IN THE MATTER of Section 83 of "The Assessment Act" (R.S.O. 1937, Chapter 272), as repealed by O.S. 1946, Chapter 3, Section 20, and re-enacted by Ontario Statutes 1946, Chapter 3, Section 21 (now Section 84, Subsection (1) of "The Assessment Act").

BETWEEN:

The West Williams Rural Telephone Association, Limited
Appellant

—and—

The Municipal Corporation of the Township of Adelaide
Respondent

(Assessment Appeal)

DECISION OF THE BOARD

This is an appeal by the appellant, The West Williams Rural Telephone Association, Limited, from the decision of the learned Judge of the County Court of the County of Middlesex, confirming the assessment of that part of the Appellant's telephone system in the Township of Adelaide.

There is also an appeal from the same decision, and incidental to the above, by the Municipal Corporation of the Township of Adelaide, complaining that the learned Judge erred in assessing costs against the Township.

The Appellant is an incorporated telephone company having telephone lines in the Township of Adelaide. Some of these lines may be party lines serving customers along the route while others are lines connecting two or more central exchange switchboards. In this appeal the lines of the first above-mentioned classification are of no concern for the reason that they were not assessed, but the lines of the second class or those connecting two or more central exchange switchboards were assessed, and according to the contention of the Appellant, wrongfully.

The assessment for the year 1945 is as follows, according to an extract from the Township's Assessment Roll, certified to by Wilfred Wilson, Township Clerk:

Number on Roll, 161.

Name and Address

West Williams Rural Telephone Association
c/o Fred Elliot

11 miles @ $40.00

Total Assessment $440.00

School Section No. 4

Date of Notice—March 19th.

By consent, written argument was submitted to the Board by both the Appellant and the Respondent.

There seems to be no argument as to the mileage of the lines assessed or as to their value; the argument of the Appellant being that these lines of the length of eleven miles and being connecting links between the central exchange switchboards of Adelaide and Springbank and of Coldstream, Adelaide, Springbank and Arkona, this latter being only partly owned by the Appellant, are not rightly assessable, for the reason that their length does not exceed twenty-five miles.

In "The Assessment Act" (R.S.O. 1937, Chapter 272), Section 12, subsections 4 and 5 define the manner of assessing the property of telephone companies, such as the Appellant, which do not operate generally throughout Ontario and are not authorized by Statute to carry on business throughout Ontario. By Section 12, subsection 4 it is enacted that telephone lines and all accessories thereto shall be assessed at their actual value except that the value of the first circuit consisting of iron wire shall not be assessed for more than $50.00 per mile.

By Section 12, subsection 5 the lengths and characteristics of the lines to be exempt from assessment are defined. In determining these the assessor is to be guided by the words "In the computation of the length of such telephone circuits in a township the circuits placed or strung within a police village and every circuit . . . . which does not exceed twenty-five miles in length and which is not used as a connecting circuit between two or more central exchange switchboards, shall not be included".

The assessor then in computing the lines which shall be exempt or "shall not be included" in his assessment, shall not include in his assessment:

(a) the circuits placed or strung in a police village;

(b) every circuit which does not exceed twenty-five miles in length and which is not used as a connecting circuit between two or more central exchange switchboards.

It is clear then, that such connecting circuits should be assessed, whether they are more or less than twenty-five miles in length, for had the intention been otherwise, there would have been no need to insert the qualifying cause "and which is not used as a connecting circuit between two or more central exchange switchboards".

This opinion is supported by the decision of Mr. D. M. McIntyre, a former Chairman of the Board in the assessment appeal between William Gillies (trading as The Gillies Telephone System) Appellant, and The Municipal Corporation of the Township of Eastnor, Respondent, and dated February 26th, A.D. 1925.

The Appellant, Gillies, appealed in part from the Respondent's assessment of his telephone system as follows:

(a) "Eleven miles of metallic circuit erected upon poles and forming part of a connecting line between the central exchange switchboard of the appellant located in the Village of Lion's Head and the central exchange switchboard of the Bell Telephone Company of Canada located in the Town of Wiarton, designated in the judgment of the County Judge as the 'East Line' ".

Mr. McIntyre, in his decision says "In regard to the "East Line" (a) the appellant admits this line to be assessable, but he contends that the valuation placed thereon by the County Judge is excessive."

Later in the decision the assessment of the "East Line" (a) was reduced to $50.00 per mile, thus confirming the principle that such connecting lines of a total length of less than twenty-five miles shall be assessed.

As to the appeal of the Respondent against the action of the County Judge in assessing costs against them, there were no costs other than the Judge's fees and in accordance with R.S.O. 1937, Chapter 272, Section 82, the Judge had no alternative other than to charge the costs to the Township.

The Board, therefore, after considering the arguments presented and all the information placed before it have decided that the appeal should be disallowed.

DATED at Toronto this Twenty-ninth day of November, A.D. 1946.

(Sgd.) R. S. COLTER,
Chairman.

(Sgd.) W. P. NEAR,
Vice-Chairman.

(Sgd.) W. J. MOORE,
Member.

P.F. B-4375

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

W. C. Routley and Routley's Limited

Appellants

—and—

The Corporation of the City of Toronto

Respondent

(Appeal from Decision of His Honour the County Court Judge respecting the assessment of part of Park Lot 9, 740 and 742 Yonge Street, having a frontage of 33 feet 5½ inches, and 744 and 746 Yonge Street, having a frontage of 37 feet, 11 inches, for the year 1946).

John F. Boland, Esq., B.A., K.C. .... Counsel for Appellants

F. A. A. Campbell, Esq., K.C. .... Counsel for Respondent

DECISION OF THE BOARD

This is an appeal from the assessment on the land owned by the Appellants at Numbers 740, 742, 744 and 746 Yonge Street, Toronto. The assessment on the building is not contested. Numbers 740 and 742 Yonge Street have a frontage of 33′ 5″ and a depth of 282′ to Balmuto Street, and are assessed at $750.00 per foot. Number 744 Yonge St., has a frontage of 28′ 10″ and a depth of 183′ 4″, and is assessed at $700.00 per foot. Number 746 Yonge Street has a frontage of 9′ on Yonge Street and a depth of 147′ 9″, and is assessed at $700.00 per foot.

Numbers 740 and 742 Yonge Street are vacant. The appellant occupies the lower floor of the building on 744 and 746 Yonge Street as a retail store, and the upper floors are rented.

The appellant purchased 740 and 742 Yonge Street in July, 1944 at $200.00 per foot or $6,733.00. He referred to several sales in the vicinity, all of the properties having buildings erected thereon, but did not attempt to divide the sale prices between the land and the buildings.

Mr. Fred Hotrum, Assistant Manager of the Real Estate Department of the National Trust Company, as sole executors of the Ryckman Estate, said that this property was sold to the appellant in 1944 for $200.00 per foot; that the buildings had been destroyed by fire in 1934 and the land, pending sale, had been used as a parking lot. They had been trying to sell it since 1934 but the appellant's bid was the first one they had received. In cross-examination, he said that he was subpoenaed to prove a sale and was not prepared to give opinion evidence, but admitted that, on the East side of Yonge Street between Bloor St. and Hayden St., a parcel of land 14′ x 150′, assessed at $1,600.00 per foot, was sold for $25,000.00 in 1942, and that a parcel of land at the corner of Balmuto Street and the lane, assessed at $80.00 per foot, was sold for $181.00 per foot. He admitted that there is a sharp demand for business properties at the present time.

F. H. Stephenson said that he purchased Number 758 Yonge Street, 18′ x 183′, in November 1945, for $17,500.00 and that the assessment thereon for 1946 is: Land, $21,600.00; Building, $5,500.00.

J. H. McMahon said that in August, 1945, he purchased two stores, Numbers 752 and 754 Yonge Street (29′ 8¼″ x 182′) for $25,000.00 and that the assessment thereon in 1945 was; Land $33,285.00 or approximately $1,100.00 per foot; and Building $8,000.00. In cross-examination, he said that the adjoining property, No. 748 Yonge Street, having a frontage of 28′, was purchased for $32,500 but said that the building on this property was worth twice as much as his, and that in his opinion the building and the land would be cheap at $50,000.00.

To analyze this witness' evidence: If building assessments are about value, the building at No. 748 would be worth $16,000.00 or twice the value of his, which was assessed at $8,000.00. He says the property, including the land, would be cheap at $50,000.00. The land, having a frontage of 28′, would be worth $34,000.00 or $1,210.00 per foot. It is assessed for $800.00 per foot.

The appellant relied altogether on the sales mentioned as evidence of the assessable value of his lands. The evidence as to the sale of No. 748 shows that sales should be only one means of ascertaining values. No expert Real Estate Agent or Valuator was called to show actual value.

V. Edwards, for the Respondent, an experienced Real Estate Agent and Valuator, called by the Respondent, said that sales alone could not be relied upon because Vendors, and Estates in particular, who were anxious to sell or were forced to sell, would often accept less than value in order to clean up. He says that the Yonge Street frontage of the appellant's property with a depth of 182′ is worth $700.00 per foot and that the Balumto Street frontage with a depth of 100′ is worth $125.00 per foot, or a total of $825.00 per foot for the 33′ 5½″ frontage; that the 28′ 10″ frontage with a depth of 133′ 4″ and the 9′ frontage with a depth of 150 are worth $700.00 per foot. He referred to other sales which, except those made by estates, supported his valuation.

The danger in wholly relying on sales for valuation is shown by the evidence of Mr. McMahon when he referred to the sale of No. 748 Yonge Street at $32,500.00. In his opinion, this property "would be cheap at $50,000.00."

The assessments as shown on the plan prepared by the Respondent are equalized in accordance with the evidence submitted by both parties, namely, that commencing at the lot marked "Entrance", the values to the north increase and the values southerly decrease.

Having carefully considered the evidence submitted, the Board finds that the appeal should be dismissed.

Judgment accordingly. The appellant having paid the Board's fee fixed at $25.00, there will be no further Order as to costs.

DATED at Toronto this 31st day of July, A.D., 1946.

(Sgd.) R. S. COLTER,
Chairman.
(Sgd.) W. P. NEAR,

Vice-Chairman.

(Sgd.) W. J. MOORE,
Member.

P.F. B-4375

Wednesday, the Thirty-first day of July, A.D., 1946

BEFORE:

R. S. Colter, Esq., K.C., Chairman,

W. P. Near, Esq., B.A.Sc., Vice-Chairman, and

W. J. Moore, Esq., O.L.S., Member.

IN THE MATTER of an appeal from the decision of His Honour Judge Barton of the County Court of the County of York in regard to the assessment of part of park lot No. 9, 740 and 742 Yonge Street having a frontage of 33 feet 5½ inches, and 744 and 746 Yonge Street having a frontage of 37 feet 11 inches, in the City of Toronto, for the year 1945.

BETWEEN:

W. C. Routley and Routley's Limited,

Appellants,

and

The Corporation of the City of Toronto,

Respondent.

UPON the application of the appellants by way of appeal from the decision of His Honour Judge Barton of the County Court of the County of York on the thirtieth day of November, 1945, on an appeal from the judgment of the Court of Revision of the City of Toronto in respect of the assessment of the lands of the appellants referred to above, and the same having come on for hearing on the 29th day of May, A.D., 1946, and having reserved judgment until this day,

1. THIS BOARD DOTH ORDER that the appeal be and it is hereby dismissed and the assessment as fixed by the Court of Revision and confirmed by the County Court Judge as follows:

	Part of Park Lot 9, west side Yonge Street (740 and 742 Yonge Street)		
	33′ 5½″ x 282′ 3″ @ $750	=	$25,094
	744 and 746 Yonge Street		
Land:	28′ 10″ x 183′ 4″)		
	9′ 1″ x 147′ 9″) @ $700	=	$26,542
Building:			9,000
			$34,542

be and the same is hereby affirmed.

2. AND THIS COURT DOTH MAKE NO ORDER AS TO COSTS.

3. PAYMENT of the Board's fee on this application pursuant to R.S.O. 1937, c. 60, s. 104, s. 107 re-enacted by S.O. 1939, c. 47, s. 26 (3) in the sum of $25.00 is hereby acknowledged and confirmed.

R.S.COLTER,

Chairman.

P.F. B-4817

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272), (as re-enacted by "The Assessment Amendment Act, 1946").

BETWEEN:

W. Goldie Scoon

Appellant

—and—

The Municipal Corporation of the City of Toronto

Respondent

(Appeal from Judgment of the Court of Revision of the City of Toronto in respect of assessment for the year 1947 on property located at 60 Leslie Street).

Melville Grant, Esq. .... On behalf of Appellant
Harry Nixon, Esq. .... On behalf of Respondent

DECISION OF THE BOARD

This is an appeal by W. Goldie Scoon from the decision of the Court of Revision wherein that Court reduced the assessment on the Appellant's lands, being 60 Leslie Street, Toronto and containing 1.455 acres, from $7,500.00 per acre to $7,000.00 per acre.

The Appellant says that the lands are low and swampy and that, prior to 1942, the assessment was $6,500.00 per acre. This assessment was reduced by the Court of Revision in 1942 to $6,000. per acre: that in 1946 the assessment was raised to $7,500.00 per acre but that this was reduced by the Court of Revision to $7,000.00 per acre, and it should have been reduced much more than $500.00 per acre. He says that he purchased the property from the Robert Davies Estate in 1945 for $4,000.00. He claimed the land is not worth more than $4,000.00 per acre, and that most of the land is so low that no building, with a foundation, could be erected thereon.

The Appellant has erected a building, 96′ x 208′ which is being used for manufacturing purposes. The assessment of this building is not in question.

The Respondent called Vernon H. Edwards, who said he would value the lands in three parcels and, in doing so, placed the value on the whole parcel at $13,010.00. He said that the unit value of this land would be $35.00 per foot frontage, taking the depth of 176 feet. He pointed out that this, as well as the frontage toward the lake, is all filled land and compared the value which he placed on this land with the purchase price of other lands in the vicinity. He said that there is no comparable area in Toronto which could be purchased for less than $35.00 per foot.

The City produced a plan showing the assessment of lands in the vicinity, particularly directly across Leslie Street from this property in question. These show:

$27.00 per foot for lands having a depth of 73′ 7″,
$50.00 per foot for lands having a depth of 366′,
$30.00 per foot for lands having a depth of 100′, and
$35.00 per foot for lands having a depth of 139′.

From the evidence submitted, the Board finds that, although the purchase price was $4,000.00, the value of the lands is much greater than $4,000.00, and that the assessment of the said lands compares favourably with other assessments for similar land in the vicinity.

The appeal is dismissed.

The Appellant, having paid the Board's fee, there will be no order for costs.

DATED at Toronto this 15th day of July, A.D., 1946.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman,

W. J. MOORE,
Member.

P.F. B-4817

Monday, the Fifteenth Day of July, A.D. 1946.

BEFORE:

R. S. Colter, Esq., K.C., Chairman,

W. P. Near, Esq., B.A.Sc., Vice-Chairman, and

W. J. Moore, Esq., O.L.S., Member.

IN THE MATTER OF an appeal from the judgment of the Court of Revision of the City of Toronto in respect of an assessment made in the year 1946 on property located at 60 Leslie Street, in the City of Toronto.

BETWEEN:

W. Goldie Scoon,

Appellant,

and

The Corporation of the City of Toronto,

Respondent.

UPON the application of the appellant by way of appeal from the Court of Revision of the City of Toronto in respect of the assessment of the lands of the appellant situate at 60 Leslie Street, in the City of Toronto having come on for hearing on the twenty-fifth day of June 1946 and having reserved judgment until this day,

1. THIS BOARD DOTH ORDER that the appeal be and it is hereby dismissed and the assessment as fixed by the Court of Revision as follows:

Land:	frontage on Leslie Street 374′ 4″, 1,455 acres @ $7,000 an acre	=	$10,185
Building:		=	5,000
			$15,185

be and the same is hereby affirmed.

2. AND THIS BOARD DOTH MAKE NO ORDER AS TO COSTS.

3. Payment of the Board's fee on this application pursuant to R.S.O. 1937, c. 60, s. 104 s. 107, re-enacted by S.O. 1939, c. 47, s. 26 (3) in the sum of $25.00 is hereby acknowledged and confirmed.

R. S. COLTER,

Chairman.

AWARD

P.F. B-4494

IN THE MATTER of Section 22 of "The Power Commission Act", and IN THE MATTER of Lots 266 and 288, Plan 2226, Village of Swansea, and

IN THE MATTER of Valuator's Award, dated the 5th day of January, 1946,

BETWEEN:

Corporation of the Village of Swansea
Appellant

—and—

The Hydro-Electric Power Commission of Ontario
Respondent

COUNCIL:

J. J. Addy, Esq.	For Appellant
C. Carrick, Esq.	for Respondent

DECISION OF THE BOARD

This is an appeal by the Village of Swansea from the Award of Harry A. Cooke, Valuator, dated the 5th day of January, A.D. 1946, awarding the appellant herein the sum of Eight Hundred Dollars ($800.00) as compensation for land taken or used by the Respondent herein and for all damages to the owner's land and property resulting from the exercise of the Commission's powers in connection with this easement and such other incidental damages as may have arisen.

The lands in question are Lots #266 and #288, Registered Plan #2226, Village of Swansea, in the County of York. These lots are owned by the appellant, having been acquired by it at an adjourned tax sale in 1934. They were formerly owned by one, Johnston, who acquired them, with other adjoining lands, in 1926, and who paid the taxes until 1929. In 1934, when the Municipality bought these in at a tax sale, the arrears of taxes, including cost of the Tax Sale, were:

Lot # 266	66 feet	$664.77
Lot #288	115 feet	1,295.81
a total of		$1,960.58

and the Appellant claims that is the amount paid for the two lots in 1934.

Lot #266 is on the West side, and Lot #288 is on the East side, of Windermere Street. The lands have not been used by the Appellant, except for a small skating rink. Lot #266 is very low, much below the level of Windermere Street, and drops from Windermere Street Westerly 15′ in 28′ to the toe of the slope. This lot has a depth of about 215′.

Lot #288, at the point where the tower is erected, drops from a point 25′ East of Windermere 15′ in 115′ to the toe of the slope. On this lot the distance from Windermere Street to the top of the slope varies from 25′ to 65′. This lot is 100′ in depth and has a frontage of 302′ 1″.

The Appellant did not give any evidence as to the value of these lands.

The Respondent called two Real Estate men, W. Linton and Frank Brown, both of whom said that neither lot had any value for any purpose; that the high ground on Lot #288 is too narrow for any building, and that there is no high ground on Lot #266; that it is a very poor locality, the houses in the vicinity being very old and they could only call them shacks, and that the construction of the transmission line and the erection of the tower have not made much, if any, difference in the value of the land or caused any damage to the owner.

The Appellant argues that, even if it does not show that any damage to the lands has resulted from the construction of these lines or the erection of the tower, the Respondent should pay interest on the purchase price and the taxes on the lands which it occupies, and claims that such payment in this case should be as follows:

Cost of land (arrears of Taxes) Lot #266		$664.77	
Lot #288		1,295.81	
Total cost		$1,960.58	
Interest on $1,960.56 for 7 years			$684.14
Taxes on 66′ of Lot #266 for 7 years	$379.61		
Interest for 6 years	$78.44		$458.05
Taxes on 115′ of Lot #288 for 7 years	$870.98		
Interest for 3 years	$182.57		$1,053.55
Total			$2,195.74

Included in the arrears of taxes and the taxes since 1940 are local improvement rates for construction of pavements and sewers. These amount to 61.8% of the taxes on Lot #288 and 83.4% of the taxes on Lot #266. There is nothing to show whether an owner, other than the Municipality, might not have succeeded in an appeal against these Local Improvement Assessments by showing that they were of little, if any, value to these two lots.

The Respondent did not receive any benefits from these local improvements.

No assessment notice was sent to the Respondent during these years.

The Power Commission Act, R.S.O. 1937, Cap. 62, Sec. 22, Sub-section (3), provides:

> "(3) Compensation shall be made to the owner for the land taken or used and for all damage to property resulting from the exercise of the said powers, and in fixing such compensation regard shall in all cases be had to the value of the land taken, or to the nature and extent of the estate, right, privilege, easement, or interest which the Commission decides to take and acquire in, over, upon or in respect of the land as the case may be, and the compensation shall be based thereon".

There has been no damage to the property resulting from the exercise of the said powers proven before this Board. Compensation should be made "for the land taken or used". Should that compensation be based on "interest on the arrears of taxes, the taxes (including local improvements) and interest on them"? Had the lines and tower not been constructed, the Municipality would have had to assume the taxes, because they never had an offer for the lands, and the lands are of little or no value.

However, the Valuator has allowed the sum of $800.00 as compensation, and the Respondent has not seen fit to appeal against this award. There is certainly not sufficient evidence before the Board to warrant it increasing the award of $800.00. The appeal, therefore, is dismissed.

The Appellant having paid the Board's fee for the Hearing, there will be no further Order as to costs.

DATED at Toronto this 16th day of May, A.D., 1946.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

W. J. MOORE,
Member.

ORDERS OF THE BOARD

ORDERS ISSUED BY THE BOARD UNDER SECTION 70 OF "THE ONTARIO MUNICIPAL BOARD ACT" (R.S.O. 1937, CHAPTER 60), APPROVING OF THE UNDERTAKING OF CAPITAL EXPENDITURES

NOTE: Where approval granted under additional legislation, applications marked as follows:

"THE LOCAL IMPROVEMENT ACT"

(a)	Section 8	Approval of undertaking of work
(b)	Section 29 (3)	Assessment for opening of lane

"THE MUNICIPAL ACT"

(c)	Section 297 (5)	Extension of time for passing By-laws
(d)	Section 305 (15) (d)	Redeemable before Maturity
(e)	Section 310	Reduction in rate of debenture interest
(f)	Section 315 (2)	Approval of further debt and levies
(g)	Section 407 (2)	Approval of By-law Extension of Municipal Utilities

"THE ONTARIO MUNICIPAL BOARD ACT"

(h)	Section 49	Amendment of Board's Order
(h-1)	Section 59 (d)	Floating Indebtedness
(i)	Section 59 (dd)	Approval of retirement of unmatured debentures
(j)	Section 64 (Part IV)	Validation of debenture by-laws
(k)	Section 69	Authority to Dispense with Vote of Electors.

Additional Legislation	Municipality	Purpose	Amount	Procedure File
(d)	Adelaide, Tp. of	Municipal Drainage purposes, (Wilson Drain)	$289.00	B-4679
	Adelaide, Tp.	Repair and improvement of O'Neil Extension Drain	319.00	B-5526 (a)
	Adelaide, Tp.	Repair and improvement of O'Neil Drain	289.00	B-5526 (b)
	Aldborough, Tp.	Repair and improvement of open portion of Mahon Drain	1,325.00	B-5085 (a)
	Aldborough, Tp.	Repair and improvement of Willsie Drain	1,759.00	B-5085 (b)
(d)	Aldborough, Tp.	Construction of Lupsor Drain	1,153.00	B-5085 (c)
	Aldborough, Tp.	Repair and improvement of Lay Drain	2,055.00	B-5085 (d)
	Aldborough, Tp.	Repair and improvement of Ashton Drain	226.00	B-5085 (e)
	Aldborough, Tp.	Repair and improvement of Canada Company Drain	757.00	B-5085 (f)
	Aldborough, Tp.	Repair and improvement of Danby Drain	549.00	B-5085 (g)
	Aldborough, Tp.	Repair and improvement of Government Drain No. 1 South	2,135.00	B-5085 (h)
	Aldborough, Tp.	Repair and improvement of Valetine Drain	851.00	B-5085 (i)
(d) (j)	Aldborough, Tp.	Construction of new Public School	12,000.00	B-5446
(d)	Amherst Island, Tp.	Construction of new Consolidated School	65,000.00	B-4751
(d)	Ancaster, Tp.	Purchase of School Site and erection of School House thereon	135,000.00	B-4857
	Ancaster, Tp.	Construction of Watermain on Fiddler's Green Road, as local improvement	5,039.30	B-5196
	Arnprior, Town	Construction of granolithic Sidewalk on Ida Street, as local improvement	580.00	B-5488
	Arnprior, Town	Construction of Watermain and Sewer on McLachlin Steet, as local improvements	3,585.00	B-5635 (a-b)
(d)	Arthur, Tp.	Purchase of Town Hall	4,000.00	B-4892
(a)	Aylmer, Town	Construction of extension of Beech Street Storm Sewer	2,680.00	B-5126
(d) (j)	Bancroft, Village	Purchase of Bancroft Light & Power Company Limited	52,500.00	B-4497
(d)	Bangor, Wicklow and McClure Tps.	Construction of Public School in School Area No. 1	9,000.00	B-5505
(h) (d)	Barrie, Town	Construction of Sanitary Sewers on Donald Street and John Street as local improvements	500.00	B-1285
(h) (f) (d)	Barrie, Town	Construction of Storm Sewers on Penetang, Innisfil, John, Sanford, Holgate and Bradford Streets	1,000.00	B-3990 (a-f)
(d)	Barrie, Town	Construction of Sanitary Sewers on Maple Ave., Dalton and Mulholland Streets as local improvements	300.00	B-2230
(h) (d)	Barrie, Town	Construction of local improvement Sanitary Sewers and Pavements	4,000.00	B-3878 (a-b)
(h) (f) (j)	Barrie, Town	Installation of artificial Ice Plant in Agricultural Arena Ltd.	30,000.00	B-3532
(h)	Barrie, Town	Construction of Sanitary Sewers in Eugenia Street and other Streets as local improvements	1,700.00	B-4230

(h)	Barrie, Town	Construction of Sanitary Sewers on Elizabeth, Peel, Eccles and Toronto Streets as local improvements and Sanitary Sewers on Short and Gowan Streets on recommendation of Local Board of Health	19,000.00	B-5198
(h) (d) (j)	Barton, Tp.	Construction of Temporary School in S.S. #5, and additional School accommodation P.S.S. # 4 and #6	50,000.00	B-3798 (a-b)
	Barton, Tp.	Construction of Stone Road Base on Tragina Avenue South, Normandy Road and Cumberland Avenue as local improvements	3,692.65	B-4686
	Barton, Tp.	Construction of Cement Sidewalk on Cameron Ave., as a local improvement.	1,745.12	B-4720
(h)	Barton Tp.	Construction of Cement Sidewalk on Lydia Street, as a local improvement	1,505.35	B-4721
(h)	Barton Tp.	Construction of Cement Sidewalk on South Drive as a local improvement	1,940.63	B-4722
	Barton Tp.	Construction of Watermain on Weir Street South as a local improvement	3,885.85	B-4955
(d) (j)	Barton, Tp.	Construction of School, S.S. # 5	21,000.00	B-5215
(h)	Barton, Tp.	Additional expenditure for certain local improvement works	1,435.30	B-3805 (a-c) B-4720 B-4721 B-4722
(d)	Barton, Tp.	Additional School accommodation	34,000.00	B-5819
	Beamsville, Village	Construction of Sewer on Crescent Avenue with private drain connections as a local improvement	5,752.00	B-5580
	Beardmore, Improvement District	Construction of Public School	90,000.00	B-5661
(d)	Beeton, Village	Construction and maintenance of Memorial Recreation Building	15,000.00	B-5221
(h) (a)	Belleville, City	Additional expenditure for certain local improvement works	2,168.80	B-3850 B-3867 B-3919 B-4984
(d)	Belleville, City	Purchase of Hume Arena	40,000.00	B-4869
(a)	Belleville, City	Construction of Sanitary Sewer and Macadam Roadway on Emily Street Extension	3,685.40	B-4891
(h)	Belleville, City	Construction of Concrete Sidewalk on Olive Street as a local improvement	1,100.00	B-4984
	Belleville, City	Construction of Concrete Cement Sidewalk on Foster Avenue South as a local improvement	912.00	B-4988

	Belleville, City	Construction of Sanitary Sewer and private drain connections on Ridley Street as local improvements	3,024.00	B-4990
(d) (c)	Belleville, City	Construction of Highway to be known as Riverside Drive	50,000.00	B-5043
(a)	Belleville, City	Construction of Concrete Sidewalks on Front, East Bridge, Campbell, McAnnany and Pinnacle Streets as local improvements	13,891.00	B-5064
	Belleville City	Construction of Concrete Sidewalk on Bleecker Avenue as a local improvement	594.00	B-5104
(a)	Belleville, City	Construction of Cement Sidewalk on Everett Street	1,575.00	B-5222
(a)	Belleville, City	Construction of Concrete Sidewalk on Purdy Street	2,320.00	B-5223
(a)	Belleville, City	Construction of Vitrified or Concrete Sewer with private drain connections on Lewis Street	4,100.00	B-5233
(a)	Belleville, City	Construction of Vitrified or Concrete Sewer with private drain connections on Coleman Street	9,067.00	B-5257
	Bertie, Tp.	Construction of Watermain on Point Abino Road as a local improvement	3,916.00	B-4585
	Bertie, Tp.	Construction of Watermains. Water Service Connections and Hydrants on Dominion, Lakeshore and Argyle Roads, Albert and Lillian Streets, and Longtent, Maccabee, Keel, Bassett, A, Park, and Windsor and Bardol Avenues as local improvements	78,056.00	B-5403
	Biddulph, Tp.	Construction of Main Hodgins Drain	6,603.00	B-4660
(d)	Blenheim, Tp.	Purchase of Fire Protection Equipment for Police Village of Drumbo	2,750.00	B-5220
	Blenheim, Town	Construction of Concrete Pavements on Jane, Ellen, Catherine, Little and Sandy Streets, and Storm Water Sewer on Sandy Street	26,930.86	B-5416 (a-f)
(d) (j)	Blenheim, Tp.	Construction of School	37,500.00	B-5497
(d)	Bolton, Village	Construction of Watermain extensions	7,500.00	B-5770
	Bosanquet, Tp.	Repair of the Sloan-Russell Drain	1,340.00	B-5312
(d)	Bosanquet, Tp.	Repair of the Elliott Drain	900.00	B-5614 (a)
(d)	Bosanquet, Tp.	Construction of McLachlan-Teetzel Drain	1,640.00	B-5614 (b)
(d)	Bosanquet, Tp.	Repair and construction of Donald-Romphf Drain	507.00	B-5738 (a)
(d)	Bosanquet, Tp.	Repair and construction of Hamilton-Fisher-Anderson Drain	2,389.00	B-5738 (b)
(d)	Bracebridge, Town	Construction of addition to High School	30,000.00	B-5422
(d) (g)	Bradford, Village	Construction of Watermain from Holland Street along the northerly limit of Bridge Street	6,000.00	B-4957
(a)	Brantford, City	Construction of Sidewalks on Read, Ontario, Dorothy and Hilda Streets as local improvements	1,897.42	B-3793 (b)
(d)	Brantford, City	School Playground Rehabilitation	16,000.00	B-5600
(d) (g) (j)	Brighton, Village	Construction of Waterworks Extensions	5,000.00	B-5609
(d)	Brockville, Town	Construction of Sidewalk on Church Street	800.00	B-4591
	Brooke, Tp.	Repair of the 9-10 Sideroad Drain	2,060.00	B-4809 (a)

	Brooke, Tp.	Repair of the Maddock Drain	900.00	B-4809 (b)
	Brooke, Tp.	Repair of the Zavitz-Campbell Drain	700.00	B-4809 (c)
	Brooke, Tp.	Repair of the Watt and 6-7 Concession Road Drain	1,280.00	B-5283 (a)
	Brooke, Tp.	Repair of the Edgar Drain No. 1	1,337.64	B-5283 (b)
	Burford, Tp.	Maintenance work on the Scott Drain	561.35	B-5638
	Burford, Tp.	Improvement of the Branch Creek Drain	1,461.24	B-5795 (a)
	Burford, Tp.	Improvement of the Tree-Radford Municipal Drain	1,091.81	B-5795 (b)
(d) (j)	Burlington Beach Commission	Construction of Concrete Sidewalk, Curbs and Gutters on Morden and Cottage Grove Avenues	2,517.22	B-5396
	Burlington Beach Commission	Grading of Morden Avenue and construction of sewer therein	1,473.96	B-5677
	Burlington Beach Commission	Construction of Concrete Sidewalk on Bayview Ave., as a local improvement	451.00	B-5796
	Burlington, Town	Construction of Sanitary Sewer on Hager Avenue, Concrete Sidewalks with Curb on Smith and Hager Avenues and Pavement on Water Street as local improvements	6,600.00	B-4539 (a-d)
(d)	Caledonia, Village	Construction of Waterworks System and Storm Sewers	150,000.00	B-5012
	Camden, Tp.	Repair of the Mason Drain	2,174.00	B-4788
	Camden, Tp.	Repair and improvement of the Cryderman Drain	3,013.00	B-4915
	Camden, Tp.	Repair and improvement of the Bone Drain	580.00	B-5029
	Camden, Tp.	Repair and improvement of the Eglin Drain	4,000.00	B-5200
	Camden, Tp.	Repair and improvement of the Reid-Carscallen Drain	8,450.00	B-5644
(d)	Board of Trustees of P.S.S. No. 1 Capreol Tp.	Erection of School and purchase of equipment therefor	8,000.00	B-5718
(d) (j)	Chapleau, Tp.	Construction of Waterworks Extensions and improvements	$26,000.00	B-5218
(d)	Chapple, Municipality	Erection of new School, S.S. #2, Richardson & Sifton	6,500.00	B-5379
	Chatham, City	Construction of Sewer on Sparks Drive as a local improvement	385.00	B-4421
	Chatham, City	Construction of Sewers on Sandys and Wellington Streets, 1¼" Water Line on Sparks Drive and Concrete Sidewalk on Willowmac Avenue	2,981.00	B-4736 (1-4)
	Chatham, City	Construction of Concrete Sidewalk, curb and Gutter on Sparks Drive as a local improvement	1,351.00	B-4908
	Chatham, City	Construction of Sewers on Delaware and Tweedsmuir Avenues, and Sandy Streets, Watermain on Tweedsmuir Avenue, Concrete Sidewalk on King Street East and Llydican Extension, and Curb and Gutter on Gladstone Avenue as local improvements	11,135.00	B-5066 (1-7)
	Chatham, City	Construction of Concrete Sidewalk on Elizabeth Drive, as a local improvement	1,004.80	B-5458 (a)
(a)	Chatham, City	Construction of Concrete Sidewalks on Lorne Avenue, King Street West, William and Sixth Streets as local improvements	2,256.00	B-5458 (b)

	Chatham, City	Construction of Watermains on Sunnyside, McGuigan and Fairview Avenues and LaCroix Street, Storm Sewers on Sunnyside, Fairview and Dunn Avenues, and Sanitary Sewers on LaCroix Street and Fairview, McGuigan and Dunn Avenues	17,685.00	B-5611
	Chatham, City	Construction of Concrete Sewer on King's Highway # 2	28,480.00	B-5701
	Chatham, City	Construction of Concrete Sidewalk and Pavement Widening, on William Street	1,200.00	B-5702
	Chatham, City	Construction of Watermain on Stewart Street, as a local improvement	425.00	B-5853
	Chatham, City	Construction of opening of 66′ street known as Joseph Street Extension, as a local improvement	1,000.00	B-5891
	Chatham, Tp.	Construction of Watermain on Taylor Avenue as a local improvement	11,860.00	B-5292
(h) (d) (f) (j)	Clinton, Town	Construction of Sewerage Disposal Plant	106,000.00	B-3156
	Colchester South Tp.	Repair of the Aikman Drain	1,123.33	B-4626 (a)
	Colchester South Tp.	Repair of the Bayliss Drain	1,741.00	B-4626 (b)
	Colchester South Tp.	Repair of the Deslippe Drain	772.00	B-4626 (c)
	Colchester South Tp.	Construction of the Huffman Road Drain	1,140.00	B-4626 (d)
(i) (d) (j)	Collingwood, Town	Approval of Debenture By-law No. 1544	105,000.00	B-5620
	Cornwall, City	Construction of Sewer on Clark Avenue, Granolithic Walks on Eighth Street and Ninth Street as local improvements	1,855.70	B-4429 (a-c)
(j)	Cornwall, City	Purchase of Site for Public School	15,000.00	B-4548
	Cornwall, City	Construction of Concrete Pavements on Fifth, Adolphus, Pitt Streets and Rideau Avenue, and Granolithic Sidewalk on Bedford Street	50,879.83	B-5106 (a-e)
(d)	Cornwall, City	Extensions and improvements to Waterworks System	37,459.00	B-5107
	Cornwall, Tp.	Construction of Sewer on Yates Avenue Lane as a local improvement	1,025.50	B-5584
(d) (j)	Crowland, Tp.	Construction of addition to Memorial School	75,000.00	B-3720
(d)	Crowland, Tp.	Construction of Watermain on Harold Avenue	3,315.72	B-5367
(a)	Crowland, Tp.	Construction of Combined Sewer on Harold Avenue	3,412.69	B-5506
(a) (h) (d) (j)	Crystal Beach Village	Construction of Combined Sewers on Winooski Road, Grace Avenue, Terrace Lane and Lake Avenue as local improvements	25,592.15	B-4404 (a-d)
(a)	Crystal Beach Village	Construction of black base sheet asphalt top pavements including gutters on Ashwood, Graeber, Oxford and Elmwood Avenues and Derby, Victoria, Elizabeth, Winooski and Aberdeen Roads	39,500.00	B-4771
(a)	Crystal Beach Village	Construction of Watermain on Grace Avenue	1,600.00	B-4853
	Crystal Beach Village	Construction of Combined Sanitary and Storm Sewer on Graeber Avenue as local improvements	2,814.90	B-5773 (a-b)
(d)	Darling, Tp.	Erection of new School in S.S. #4	3,000.00	B-5253

	Deloro, Village	Purchase from the Deloro Smelting & Refining Company, Limited of the Waterworks and Sewerage Systems set out in Plan and Profile numbered 4-1759	50,000.00	B-5129
	Dereham, Tp.	Maintenance of the Reynolds Creek Drain	6,457.75	B-5581 (a)
	Dereham, Tp.	Maintenance of the Reynolds Creek Extension Drain	2,866.19	B-5581 (b)
	Dereham, Tp.	Maintenance of the Deer Creek Drain	1,900.00	B-5581 (c)
(d) (j)	Deseronto, Town	Installation of new Heating and Lighting System in High School	10,000.00	B-5281
(d)	Dover Tp.	Repair and improvement of Bagnell Drain	575.00	B-5612 (a)
(d)	Dover Tp.	Repair and improvement of Gray Drain North	430.00	B-5612 (b)
(d)	Dover Tp.	Repair and improvement of Henderson-Hebert Drain	2,200.00	B-5612 (c)
(d)	Dover Tp.	Repair and improvement of McGrail Drain	1,025.00	B-5612 (e)
(d)	Dover Tp.	Construction of Marentette Drain as a local improvement	1,650.00	B-4643 (a)
(d)	Dover Tp.	Construction of Dewar Pumping Works as local improvement	3,850.00	B-4643 (b)
(d)	Dover Tp.	Construction of Toulouse Pumping Works as a local improvement	8,000.00	B-4643 (c)
(d) (j)	Dowling, Tp.	Erection and furnishing of Union Public School #3	5,000.00	B-5195
(a) (f)	Dresden, Town	Construction of Bituminous Surfaced Roadway on Hughes Street, and Bituminous Surfaced Roadways on Metcalfe Avenue and Robinson Streets as local improvements	3,000.00	B-5347 (c)
(a) (f)	Dresden, Town	Construction of Concrete Sidewalk on Hughes Streets as a local improvement	550.00	B-5347 (d)
(d)	Dunnville, Town	Erection of additions to High School	10,000.00	B-5128
	Dunwich, Tp.	Repair of Government Drain No. 1, South	380.00	B-4745
(d)	Dunwich, Tp.	Repair and improvement of Brown Drain	700.00	B-5075 (a)
(d)	Dunwich, Tp.	Repair and improvement of Graham Drain and Extension	1,119.00	B-5075 (b)
(d)	Dunwich, Tp.	Construction of Ashton Binks Tile Drain	392.80	B-5381
(d)	Dunwich, Tp.	Repair of the Galbraith Drain	629.00	B-5582 (a)
(d)	Dunwich, Tp.	Repair of the McMillan Drain	2,507.00	B-5582 (b)
(f) (d)	Dysart et al, Tp.	Reconstruction and additions to telephone system	45,000.00	B-4974
	East Oxford Tp.	Improvement of the Belcher Drain	422.62	B-5758
(d)	East Williams Tp.	Repair and improvement of Henderson Drain	1,247.00	B-5330
(a)	East York Tp.	Construction of Watermain on Heath Street	2,300.00	B-4354
	East York, Tp.	Construction of Sewers in Plains Road and Norlong Blvd.	49,280.00	B-4479 (a-e)
(i) (d) (f) (j)	East York, Tp.	Retirement of unmatured debentures in the sum of	4,177,020.11	B-4648
(a)	East York, Tp.	Construction of Watermain on McCosh Avenue	1,129.00	B-4729
(a) (h)	East York, Tp.	Construction of Sanitary and Storm Sewers on St. Clair E., Holmstead, Rowe and Squires Avenues and Peard, Furnival and Dawes Road and Stephny Street, and Watermains on Tiago Avenue and Dawes Road as local improvements	121,501.24	B-5108 (a-b)
(d) (j)	East York, Tp.	Construction and equipment of a 15-roomed addition to East York Collegiate Institute	155,000.00	B-5350

(a)	East York, Tp.	Construction of Concrete Sidewalks and Curbs on Norlong Blvd. and Binswood Avenue, and Curb on Cambrai Avenue as local improvements	4,351.30	B-5528 (a-c)
(a)	East York, Tp.	Construction of Sanitary Sewers on Dawes Road	28,500.00	B-5778
	Ekfrid, Tp.	Repair and improvement of the Harnett Drain	3,953.00	B-5805
	Ellice, Tp.	Repair and improvement of the South Branch of the Centre Black Creek Drain	1,970.00	B-4959 (a)
	Ellice, Tp.	Repair and improvement of the Litt Drain	1,100.00	B-4959 (b)
	Ellice, Tp.	Repair and improvement of the Rostock Drain	3,900.00	B-5776 (a)
	Ellice, Tp.	Repair and improvement of the Stock Drain	3,961.00	B-5776 (b)
	Ellice, Tp.	Construction of the Henry Drain and Branches	2,570.00	B-5776 (c)
	Elma, Tp.	Repair and improvement of the Beauchamp Creek Drain	6,354.00	B-4885 (a)
	Elma, Tp.	Repair and improvement of the Raszman Drain	3,350.00	B-4885 (b)
	Elma, Tp.	Repair and improvement of the Stewart Drain	1,949.70	B-5044 (a)
	Elma, Tp.	Repair and improvement of the Barnett and Spring Creek Drain	1,692.00	B-5044 (b)
	Elma, Tp.	Repair and improvement of the Gernhelder Drain and Branch	7,250.00	B-5473
	Elma, Tp.	Repair and improvement of the Freeman Drain	2,250.00	B-5653
(a)	Etobicoke, Tp.	Construction of Storm Sewer on Dundas Street	8,805.60	B-4486
(a)	Etobicoke, Tp.	Construction of Watermains on Dorchester, Monkton, Glenaden, McClinchy and Hyland Avenues, Mattice, and Loyalist Roads, VanDusen, Oak Hampton and Grenview Boulevards, Burnhamthorpe Crescent, Edgemore Drive, and Ashton Manor as local improvements	32,710.52	B-4775
(a)	Etobicoke, Tp.	Construction of Sanitary Sewers on Glenaden and McClinchy Avenues, Loyalist and Old Oak Roads, Oak Hampton and Grenview Boulevards, Edgemore and Doddington Drives, Ashton Manor, Donnybrook Lane and Bloor Street, as local improvement works	26,533.18	B-4776
(a)	Etobicoke, Tp.	Construction of Storm Water Sewers on Birchview, White Oak, Belvedere Boulevards, Wilgar, Highgate, Brentwood, Princeton and Royal York Roads, and Lynngrove and Belvale Avenues as local improvements	59,926.56	B-4777
(d)	Etobicoke, Tp.	Erection of additional rooms to School, P.S.S. #8	125,000.00	B-5268
(d)	Etobicoke, Tp.	Purchase of additional ground and improvement to school house and grounds, P.S.S. #5	13,500.00	B-5269
(a)	Etobicoke, Tp.	Construction of Storm Water Sewer on a line between Lots 11 and 12, First and Second Meridian Concession	28,040.00	B-5440
(a)	Etobicoke, Tp.	Construction of Watermain on Kipling Avenue	85,633.90	B-5442
(d)	Etobicoke, Tp.	Erection of additional rooms to School, P.S.S. #15	108,000.00	B-5800
	Fenelon Falls, Village	Acquisition of certain lands for Public School purposes	8,000.00	B-5424
(d) (j)	Fergus, Village	Erection, equipping and furnishing Public School	185,000.00	B-5133

(h)	Fonthill, Village	Construction of Watermain on Highland Avenue, as a local improvement	1,446.88	B-4689	
(h-1)	Fonthill, Village	Certain floating indebtedness—Addition to Town Hall	12,000.00	B-4982	
(h) (d) (f)	Forest Hill Village	Construction of Pavement on Fairleigh Crescent as a local improvement	4,500.00	B-2798	
(h) (a) (f) (d)	Forest Hill Village	Construction of certain local improvement works	5,153.92	B-3255	(a-c)
(d) (h) (f)	Forest Hill Village	Construction of Sanitary and Storm Sewer and Watermain in Lawnhurst Boulevard and St. Clements Avenue	573.92	B-3703	
(f)	Forest Hill Village	Construction of Trunk Sewer from East Village Limit to Rosebury Road	450,000.00	B-3838	
(d) (f) (h)	Forest Hill Village	Construction of certain local improvements and grading and gravelling portion of Lawnhurst Blvd.	344.38	B-4154	
(f)	Forest Hill Village	Widening of Rosebury Road, as a local improvement	2,600.00	B-4897	
(f) (d)	Forest Hill Village	Purchase of School Site	50,000.00	B-5018	
(f)	Forest Hill Village	Installation of underground street lighting on Newgate Rd.	2,410.00	B-5020	
(f)	Forest Hill Village	Construction of Pavements on St. Clements Avenue and Newgate Road as local improvements	18,500.00	B-5259	
(f)	Forest Hill Village	Construction of Watermain in Lawnhurst Boulevard as a local improvement	1,250.00	B-5428	
(f)	Forest Hill Village	Construction of Pavement on Castlefield Ave., as a local improvement	6,100.00	B-5543	
(f) (d)	Forest Hill Village	Addition to West Preparatory School, equipment and improvement to School property	185,000.00	B-5594	
(i) (d) (f) (j)	Fort Erie, Town	Retirement of unmatured debentures in the sum of	990,000.00	B-4647	
(f) (d)	Fort Erie, Town	Erection of a Fire Hall	20,000.00	B-5830	
	Fort Frances, Town	Construction of Sewer on Christie Avenue as a local improvement	6,298.35	B-4513	
(j)	Fort Frances, Town	Purchase of Road Machinery	12,057.00	B-5305	
(a)	Fort William, City	Construction of Sewers on Tarbutt, Lillie and Kelly Streets and Empire Avenue, and grading and gravelling thereof	52,199.00	B-3951	(a-b)
(h)	Fort William, City	1946 Programme of Works as local improvements	106,487.00	B-4601	
	Fort William, City	Construction of Private Sewer Connections	12,001.19	B-4611	
(a)	Fort William, City	Construction of Sewers and grading and gravelling in Walsh and Mortimer Streets and Empire Avenue as local improvements	25,058.00	B-4761	
	Fort William, City	Construction of Sewers on Francis Street and Centre Avenue as local improvements	42,748.00	B-5670	(a-c)
(d)	Galt, City	Erection and construction of a Public School	500,000.00	B-3800	
	Galt, City	Construction of Watermain, Sanitary Sewers and Storm Sewers as local improvements	25,255.15	B-5486	(a-b)
	Galt, City	Construction of Sidewalk, curbs and gutters on Lowrey Ave. as a local improvement	2,055.68	B-5487	

(k) (f) (d) (j)	Gananoque, Town	Resurfacing of east approach and west approach to King Street and asphalt surface on King Street	50,000.00	B-4058	
(h) (k)	Georgetown, Town	Resurfacing of Queen Street	5,000.00	B-3627	
(f) (d)	Georgetown, Town	Acquisition of land, cost of grading and services to Wartime Housing Project	30,000.00	B-5593	
(d)	Geraldton, Town	Erection and equipment of an addition to High School	9,000.00	B-5279	
(d)	Geraldton, Town	Acquistion of land for School site and erection and equipment of extension to present Public School building	16,000.00	B-5279	(a)
(d)	Gosfield North Tp.	Repair and improvement of Old Number 5 Drain	2,797.75	B-4658	
(d)	Gosfield North Tp.	Repair of Centre Branch Drain	3,149.50	B-4568	
(d)	Gosfield North Tp.	Repair and improvement of West Townline Drain	3,259.00	B-5401	
(d)	Gosfield North Tp.	Repair and improvement of McInteer Drain	778.00	B-5662	
(d)	Gosfield North Tp.	Repair and improvement of North Townline Drain	1,883.50	B-5703	
(d)	Gosfield North Tp.	Repair and improvement of North Townline Drain	1,581.00	B-5726	
(d)	Goulbourn Tp.	Erection of School House and equipment therefor	40,000.00	B-5159	
	Grantham Tp.	Construction of Watermain in subdivision known as Martindale Road Plan, as a local improvement	3,500.00	B-4481	
	Grantham Tp.	Construction of Watermains in Niagara, Church and Scott Streets, Grantham Avenue, from Church Street to the Lake Shore Road, and across Lots 140 and 141 as local improvements	68,000.00	B-5846	
	Grimsby, Town	Construction of Sewer and Watermain on Kingsway Boulevard as local improvements	9,500.00	B-4422	
(a)	Guelph, City	Construction of Sidewalk and Curb and Gutter and Storm Drain on Crawford Street as local improvements	14,130.00	B-4798	
(a)	Guelph, City	Construction of Curbs, Gutters and Storm Drains in Huskisson Street	1,175.00	B-5597	
	Hamilton, City	Construction of the Normanhurst Combined Sewer System Extension as local improvement	78,810.00	B-3898	
(d)	Hamilton, City	Extensions to Public Schools and purchase of School sites	592,500.00	B-3947	(a-d)
	Hamilton, City	Construction of Elevated Water Tank on Fennel Ave.	143,400.00	B-4335	
(a)	Hamilton, City	Construction of Pipe Sewers on East 12th, East 13th and East 14th Streets as local improvements	25,990.00	B-4343	(a-c)
	Hamilton, City	Construction of Cement Walk and Curb on East 5th St. as a local improvement	2,408.32	B-4432	
	Hamilton, City	Construction of Cement Walk and Curb on East 6th St. as a local improvement	2,523.89	B-4433	
	Hamilton, City	Construction of Cement Walk and Curb on East 5th St. as a local improvement	2,408.32	B-4434	
	Hamilton, City	Construction of Cement Walk and Curb on East 33rd St. as a local improvement	3,841.58	B-4449	

Hamilton, City	Construction of Cement Walk and Curb, Emerson St. as a local improvement	1,099.75	B-4450
Hamilton, City	Construction of Watermain on Ivon Avenue	618.00	B-4470
Hamilton, City	Construction of Watermain on East 5th Street	2,087.00	B-4472
Hamilton, City	Construction of Watermain on East 6th Street	3,220.00	B-4473
Hamilton, City	Construction of Private Sewer Connections on Wellington Street	2,355.00	B-4554 (a)
Hamilton, City	Construction of Private Sewer Connections on East 8th Street	674.00	B-4554 (b)
Hamilton, City	Construction of Private Sewer Connections on Brucedale Avenue	465.00	B-4554 (c)
Hamilton, City	Construction of Pipe Sewer on East 5th Street as a local improvement	4,730.00	B-4603
Hamilton, City	Construction of Pipe Sewer on East 11th Street as a local improvement	12,300.00	B-4646
Hamilton, City	Construction of Cement Walk on Parkside Drive as a local improvement	4,586.17	B-4673
Hamilton, City	Construction of Asphalt on Macadam Roadway on Sanford Avenue as a local improvement	7,864.00	B-4676
Hamilton, City	Construction of Watermain on Haddon Avenue	5,418.00	B-4697 (a)
Hamilton, City	Construction of Watermain on Gary Avenue	3,057.00	B-4697 (b)
Hamilton, City	Construction of Watermain on Dalewood Avenue	3,296.00	B-4697 (c)
Hamilton, City	Construction of Independent Curb on Dalewood Avenue as a local improvement	1,621.50	B-4702 (a)
Hamilton, City	Construction of Independent Curb on Gary Avenue, as a local improvement	2,277.00	B-4702 (b)
Hamilton, City	Construction of Independent Curb on Haddon Ave., as a local improvement	3,381.00	B-4702 (c)
Hamilton, City	Construction of Independent Curb on Stroud Road, as a local improvement	2,697.90	B-4702 (d)
Hamilton, City	Construction of Cement Walk and Curb on Dalewood Avenue as a local improvement	4,693.51	B-4703 (a)
Hamilton, City	Construction of Cement Walk and Curb on Gary Avenue, as a local improvement	3,866.43	B-4703 (b)
Hamilton, City	Construction of Cement Walk and Curb on Haddon Avenue, as a local improvement	8,575.00	B-4703 c)
Hamilton, City	Construction of Penetration Roadway on Dalewood Avenue, as a local improvement	5,938.75	B-4704 (a)
Hamilton, City	Construction of Penetration Roadway on Gary Avenue, as a local improvement	5,206.50	B-4704 (b)
Hamilton, City	Construction of Penetration Roadway on Haddon Avenue as a local improvement	9,694.75	B-4704 (c)

Hamilton, City	Construction of Sewer on Gary Avenue, as a local improvement	5,590.00	B-4727 (a)
Hamilton, City	Construction of Sewer on Dalewood Avenue as a local improvement	9,050.00	B-4727 (b)
Hamilton, City	Construction of Sewer on Haddon Avenue as a local improvement	15,990.00	B-4727 (c)
Hamilton, City	Construction of Watermain on Concession Street	7,962.00	B-4728 (a)
Hamilton, City	Construction of Watermain on East 17th Street	2,260.00	B-4743 (a)
Hamilton, City	Construction of Watermain on East 18th Street	1,828.00	B-4743 (b)
Hamilton, City	Construction of Watermain on Queensdale Avenue	807.00	B-4743 (c)
Hamilton, City	Construction of Watermain on Parkdale Avenue	5,350.00	B-4743 (d)
Hamilton, City	Construction of Storm Relief Sewer on King Street East	85,000.00	B-4744
Hamilton, City	Construction of Cement Walk and Curb on Franklin Avenue as a local improvement	4,021.36	B-4778 (a)
Hamilton, City	Construction of Cement Walk and Curb on Uplands Avenue	1,825.50	B-4778 (b)
Hamilton, City	Construction of Cement Walk and Curb on Uplands Avenue, as a local improvement	1,933.22	B-4778 (c)
Hamilton, City	Construction of Cement Walk and Curb on Bond Street, as a local improvement	3,752.97	B-4778 (d)
Hamilton, City	Construction of Cement Walk and Curb on Bond Street as a local improvement	3,968.51	B-4778 (e)
Hamilton, City	Construction of Cement Walk and Curb on Parkview Drive as a local improvement	3,684.15	B-4778 (f)
Hamilton, City	Construction of Cement Walk and Curb on Parkview Drive, as a local improvement	4,076.21	B-4778 (g)
Hamilton, City	Construction of Asphalt on Concrete Roadway on Uplands Avenue, as a local improvement	5,100.00	B-4782 (a)
Hamilton, City	Construction of Asphalt on Concrete Roadway on Franklin Avenue, as a local improvement	17,028.00	B-4782 (b)
Hamilton, City	Construction of Asphalt on Concrete Roadway on Parkview Drive, as a local improvement	12,055.00	B-4782 (c)
Hamilton, City	Construction of Asphalt on Concrete Roadway on Bond Street, as a local improvement	9,960.00	B-4782 (d)
Hamilton, City	Construction of Private Sewer Connections on East 11th Street	3,358.00	B-4801
Hamilton, City	Construction of Watermain on Birch Avenue	4,309.00	B-4823
Hamilton, City	Construction of Watermain on Queensdale Ave.	5,280.00	B-4824
Hamilton, City	Construction of Sewer on Stroud Road as a local improvement	4,480.00	B-4910
Hamilton, City	Construction of Cement Walk and Curb on Bowman Street, as a local improvement	6,911.66	B-4909
Hamilton, City	Construction of Pipe Sewer on Searle Street, as a local improvement	3,820.00	B-4930

	Hamilton, City	Construction of Sewer on Inverness Avenue as a local improvement	10,550.00	B-4931
	Hamilton, City	Construction of Cement Sidewalk and Combined Curb on Normanhurst Avenue as a local improvement	3,721.06	B-4961 (a)
	Hamilton, City	Construction of Cement Sidewalk and Curb on East 21st Street as a local improvement	5,890.42	B-4961 (b)
	Hamilton, City			
	Hamilton, City	Construction of Cement Walk and Curb on Normanhurst Avenue as a local improvement	7,021.80	B-4962
	Hamilton, City	Construction of Independent Curb on Franklin Avenue as a local improvement	2,071.44	B-5045
	Hamilton, City	Construction of Cement Walk and Curb on East 21st Street, as a local improvement	5,890.40	B-5046
	Hamilton, City	Construction of Watermain on Fennel Avenue	4,305.00	B-5080
	Hamilton, City	Construction of Watermain on Fennel Avenue	790.00	B-5081
	Hamilton, City	Construction of Watermain on Beach Road	5,150.00	B-5082
	Hamilton, City	Construction of Watermain on Parkdale Avenue	1,700.00	B-5083
	Hamilton, City	Construction of Cement Walk and Independent Curb on Wellington Street, as a local improvement	19,566.33	B-5185 (a)
	Hamilton, City	Construction of Cement Walk and Independent Curb on Wellington Street, as a local improvement	19,373.59	B-5185 (b)
	Hamilton, City	Construction of Cement Walk and Independent Curb on Barton Street, as a local improvement	4,429.11	B-5185 (c)
	Hamilton, City	Construction of Cement Walk and Independent Curb on Barton Street	4,376.38	B-5185 (d)
	Hamilton, City	Construction of Cement Walk and Independent Curb on Julian Avenue as a local improvement	3,871.71	B-5185 (e)
	Hamilton, City	Construction of Cement Walk and Independent Curb on Julian Avenue as a local improvement	4,361.34	B-5185 (f)
	Hamilton, City	Construction of Cement Walk and Independent Curb on Ivon Avenue as a local improvement	4,210.67	B-5185(g)
	Hamilton, City	Construction of Cement Walk and Independent Curb on Ivon Avenue as a local improvement	3,871.71	B-5185 (h)
	Hamilton, City	Construction of an Asphalt (on Concrete) Roadway on Barton Streets as a local improvement	17,494.00	B-5185 (i)
	Hamilton, City	Construction of an Asphalt on Concrete Roadway on Julian Avenue as a local improvement	14,711.00	B-5185 (j)
(a)	Hamilton, City	Construction of Sewer on Salem Avenue	11,760.00	B-5207
	Hamilton, City	Construction of Watermain on Glen Road	4,430.00	B-5293
	Hamilton City	Construction of Cement Walk and Independent Curb on Tuxedo Avenue as a local improvement	2,458.61	B-5294
	Hamilton City	Construction of Sewer on Tuxedo Avenue as a local improvement	4,770.00	B-5295
	Hamilton City	Construction of Sewer on East 16th Street as a local improvement	7,490.00	B-5296

Hamilton City	Construction of Sewer on East 17th Street as a local improvement	6,420.00	B-5297
Hamilton City	Construction of Sewer on East 18th Street as a local improvement	2,820.00	B-5298
Hamilton City	Construction of Cement Walk and Independent Curb as a local improvement	3,901.84	B-5313
Hamilton City	Construction of Cement Walk and Curb on East 34th Street as a local improvement	6,019.97	B-5314
Hamilton City	Construction of Asphalt (on Concrete) Roadway on Tuxedo Avenue as a local improvement	5,804.00	B-5360
Hamilton City	Construction of Watermain on Brant Street as a local improvement	2,980.00	B-5536
Hamilton City	Construction of Asphalt (on Concrete) Roadway on East 5th Street as a local improvement	8,031.00	B-5545
Hamilton City	Construction of Cement Walk and Independent Curb on Adeline Avenue as a local improvement	4,786.05	B-5546
Hamilton City	Construction of Cement Walk and Curb on Salem Avenue as a local improvement	4,308.59	B-5547 (a)
Hamilton City	Construction of Cement Walk and Curb on Salem Avenue as a local improvement	4,308.59	B-5547 (b)
Hamilton City	Construction of Cement Walk and Curb on Clinton Street, as a local improvement	1,944.89	B-5570 (b)
Hamilton City	Construction of Cement Walk and Curb on East 11th Street as a local improvement	4,127.81	B-5618
Hamilton City	Construction of Sewer on Inverness Avenue as a local improvement	9,460.00	B-5629
Hamilton, City	Construction of Sewer on Main Street as a local improvement	5,860.00	B-5651
Hamilton, City	Construction of Sewer on Glen Road as a local improvement	4,800.00	B-5674
Hamilton, City	Construction of Private Sewer Connections on Sale Avenue as a local improvement	3,370.00	B-5712
Hamilton, City	Construction of Private Sewer Connections on Wellington Street as a local improvement	1,296.36	B-5760
Hamilton, City	Construction of Asphalt Roadway on East 6th Street as a local improvement	8,715.00	B-5771
Hamilton, City	Construction of Private Sewer Connections on East 12th Street as local improvements	1,694.50	B-5808 (a)
Hamilton, City	Construction of Private Sewer Connections on East 13th Street as local improvements	1,998.00	B-5808 (b)
Hamilton, City	Construction of Private Sewer Connections on East 14th Street as local improvements	1,977.00	B-5808 (c)
Hamilton, City	Construction of Private Sewer Connections on East 16th Street as local improvements	1,710.92	B-5801 (a)

	Hamilton, City	Construction of Private Sewer Connections on East 17th Street as local improvements	1,677.68	B-5801 (b)
	Hamilton, City	Construction of Private Sewer Connections on East 18th Street as local improvements	1,011.04	B-5801 (c)
	Hamilton, City	Construction of Private Sewer Connections on Queensdale Avenue as local improvements	2,722.14	B-5825 (a)
	Hamilton, City	Construction of Cement Walk and Curb on East 11th Street as a local improvement	4,127.81	B-5855 (a)
	Hamilton, City	Construction of Watermain on East 18th Street	4,745.00	B-5855 (b)
	Hamilton, City	Construction of Watermain on East 19th Street	5,050.00	B-5855 (c)
	Hamilton, City	Construction of Watermain on Elcho Street	1,625.00	B-5871
	Hamilton, City	Construction of Cement Walk and Curb on East 18th Street, as a local improvement	3,356.48	B-5872
	Harrow, Town	Purchase of Site for Public School	4,000.00	B-4738
(d)	Harrow, Town	Construction of Drain on Lots 1 to 29 inclusive, Plan 1236	4,210.25	B-5739
(d)	Harrow, Town	Grant-in-Aid for purpose of assisting in erection of a Memorial Club-House	5,000.00	B-5740
	Harwich, Township	Repair and Improvement of Powell Drain	150.00	B-4580
(d)	Harwich, Township	Repair and improvement of McKinley Drain	4,459.00	B-4752
(d)	Harwich, Tp.	Repair and improvement of Laurie Drain	2,910.00	B-4879 (a)
(d)	Harwich, Tp.	Repair, improvement or protection of Burk Drainage Works	32,000.00	B-4879 (b)
(d)	Harwich, Tp.	Repair and improvement of Curtis Drain	1,990.00	B-4879 (c)
(d)	Harwich, Tp.	Repair and improvement of English Drain	860.00	B-4879 (d)
(d)	Harwich, Tp.	Repair and improvement of Gobert Drain	750.00	B-4879 (e)
(d)	Harwich, Tp.	Repair and improvement of Fields Creek Drain	2,823.00	B-4963
(d)	Harwich, Tp.	Construction of new Outlet for Clark Drain	510.00	B-5252 (a)
(d)	Harwich, Tp.	Repair and improvement of Gregory Drain	4,666.00	B-5252 (b)
(d)	Harwich, Tp.	Extension of Laurie Drain	250.00	B-5252 (c)
(d)	Harwich, Tp.	Repair and improvement of Brown Drain and Branch	1,170.00	B-5252 (d)
	Harwich, Tp.	Construction of new School House, U.S.S. #14	9,000.00	B-5303
	Harwich, Tp.	Construction of new Outlet for Clark Drain of Howard	2,691.00	B-5307
(d)	Harwich, Tp.	Repair and improvement of Hutchinson Drain	4,784.00	B-5531 (a)
(d)	Harwich, Tp.	Repair and improvement of Stewart Drain	1,000.00	B-5531 (b)
(d)	Harwich, Tp.	Repair and improvement of Kelly Drain	2,140.00	B-5531 (c)
(d)	Harwich, Tp.	Amount of deficit on Cales Drain (Upper Portion)	187.50	B-5531 (d)
(d)	Harwich, Tp.	Repair and improvement of Hartwick Drain	6,691.00	B-5531 (e)
(d)	Harwich, Tp.	Repair and improvement of Tedford Drain	543.00	B-5793 (a)
(d)	Harwich, Tp.	Repair and improvement of Wolfe Creek Drain	6,860.00	B-5793 (b)
(d)	Harwich, Tp.	Repair and improvement of Downie Drain	6,851.00	B-5793 (c)
(d)	Harwich, Tp.	Construction of Mol Drain	965.00	B-5793 (d)
(d)	Harwich, Tp.	Repair and improvement of Ward Drain	534.00	B-5793 (e)
(d)	Harwich, Tp.	Construction of VanRaay Drain	585.00	B-5793 (f)
(d) (j)	Hastings, Village	Purchase of Fire Fighting Equipment	5,000.00	B-4260

(d) (j)	Hastings, Village	Erection and Furnishing of extra School Room—Hastings Public School	5,000.00	B-5187
(i) (d) (j)	Hawkesbury, Town	Retirement of unmatured debentures	300,000.00	B-5209
	Hespeler, Town	Construction of Concrete Walk on Hungerford Road as local improvement	465.00	B-4950
(f)	Hespeler, Town	Construction of Concrete Sidewalks on Guelph Avenue and Walnut Street and Sewer and connections on Hungerford Road	1,898.00	B-4952 (a-b)
(d)	Hespeler, Town	Erection of Memorial Arena	75,000.00	B-5599
(d)	Hibbert, Tp.	Construction of the Hooper Municipal Drain	4,154.50	B-5216
(d)	Howard, Tp.	Repair and improvement of Campbell Drain	1,297.00	B-4630
	Howard, Tp.	Repair and improvement of Clark Drain	2,565.00	B-4691
(d)	Howard, Tp.	Repair of the Callow Drain	614.00	B-5008 (a)
(d)	Howard, Tp.	Repair and improvement of the Fields Creek Drain	2,592.00	B-5008 (b)
(d)	Howard, Tp.	Repair and improvement of the South Marsh Drain (South Branch)	946.00	B-5110
(d)	Howard, Tp.	Repair and improvement of Brown Drain and Branch, Harwich	371.00	B-5323
(d)	Howard, Tp.	Repair and improvement of the McDiarmid Drain	464.00	B-5423 (a)
(d)	Howard, Tp.	Repair and improvement of the Leatherdale Drain	681.00	B-5423 (b)
(d)	Howard, Tp.	Construction of the East Branch of the Scafe Drain	642.00	B-5423 (c)
(d)	Howard, Tp.	Construction of the Gawne Drain	508.55	B-5423 (d)
(d)	Howard, Tp.	Corporation's share of cost of Hutchison Drain in Harwich Township	1,623.00	B-5617 (a)
(d)	Howard, Tp.	Construction of the Gillespie Drain	958.00	B-5617 (b)
(d)	Howard, Tp.	Repair and improvement of the Millar Drain	1,876.00	B-5617 (c)
(d)	Howard, Tp.	Repair and improvement of the Grainger Drain	1,275.00	B-5617 (d)
	Hullett, Tp.	Repair, improvement and extension of the Wilson Drain	1,366.00	B-5484 (a)
	Hullett, Tp.	Construction of the Flynn Drain	840.00	B-5484 (b)
	Hullett, Tp.	Construction of the Wagner Drain	522.00	B-5484 (c)
	Hullett, Tp.	Construction of the Medd Drain	1,004.00	B-5484 (d)
	Hullett, Tp.	Construction of the Pollard Drain	6,083.00	B-5484 (e)
(k)	Huntsville, Town	Hardsurfacing of Elm, John, King, West, Centre, Yonge and Tait Streets and intersection; Surface treatment to hard-surfaced Streets on John, Elm, Centre and Lorne Streets and Completion of Lansdowne Street Drain	10,000.00	B-4884 (a-c)
(d) (j)*	Huron, County	Erection of a Court House and County Building	250,000.00	B-5344
(d)	Iroquois Falls, Town	Erection of a two-room extension to the High School	35,000.00	B-5139
(d)	Kaladar, Angleson & Effingham Tp.	Erection of Flinton Continuation School	19,600.00	B-3750
(d)	Kennebec Tp.	Erection of a new Public School	7,200.00	B-5645
	King, Tp.	Construction of a System of Waterworks	40,000.00	B-5443
(h)	Kingston, City	Construction of Storm Relief Sewer on Union Street	23,000.00	B-1779

(h)	Kingston, City	Construction of Sheet Asphalt Pavements on Napier, Brock, Mack and Scott Streets	36,270.00	B-3603	(a)
(h)	Kingston, City	Construction of Pavements on Clarence, Brock, Bagot, Ontario and Princess Streets	36,270.00	B-3633	(a)
(h) (a)	Kingston, City	Construction of a Water bound Macadam Road on Willingdon Ave.	297.79	B-2298	
	Kingston, City	Construction of Water and Sewer Services on College Street	2,960.00	B-4458	
(d)	Kingston, City	Resurfacing of Brock, Charles, King, Princess, Stuart, Montreal, Nelson and Union Streets	75,000.00	B-4461	
	Kingston, City	Construction of Sewer on Frontenanc Street	5,528.00	B-4538	
(d) (g)	Kingston, City	Purchase of Fire Fighting Appliances	16,800.00	B-4754	
(d)	Kingston, City	Erection of School	505,000.00	B4755	
(h)	Kingston, City	Construction of Concrete Walks, Napier Street, Queen's Crescent, and Fraser and Mack Streets, and Asphalt Pavement on Regent Street	11,228.00	B-4756	
(d)	Kingston, City	Purchase of a Garbage Utility Truck	2,100.00	B-4807	
	Kingston, City	Construction of Pavements on Brock and Carruthers Streets and Concrete Walks on College, Brock, Helen Streets	12,533.00	B-4872	(a-b)
	Kingston, City	Construction of Sheet Asphalt Pavement on Russell Street	20,030.00	B-4924	
	Kingston, City	Construction of Asphaltic Concrete Surfacing on Brock and Princess Streets	7,141.50	B-4987	(a-b)
	Kingston, City	Construction of Concrete Walk on Division Street	319.00	B-4994	
	Kingston, City	Construction of Tile Sewers in Patrick, Mack, Helen and College Streets	12,371.50	B-5007	(a-c)
	Kingston, City	Construction of Concrete Walks on Park Street	1,898.60	B-5073	(a-b)
	Kingston, City	Macadam Roads on Park and College Streets	4,096.00	B-5074	(a-b)
(d) (g) (h)	Kingston, City	Construction of Watermain on King Street West	153,000.00	B-5155	
	Kingston, City	Construction of Sheet Asphalt Pavements on Napier Street and Graham Avenue	12,743.20	B-5278	(a-b)
(h-1)	Kingston, City	Certain floating indebtedness—Waterworks	18,000.00	B-5479	(a)
(d) (g)	Kingston, City	Construction of Watermain Extensions in westerly limits	30,000.00	B-5479	(b)
	Kingston, City	Construction of Sheet Asphalt Pavement on Adelaide Street	4,933.50	B-5498	
	Kingston, City	Construction of Concrete Walks on Regent, College, Johnson, Thomas and Patrick Streets	2,904.65	B-5499	
	Kingston, City	Construction of Sewer in Helen Street	5,324.00	B-5500	
	Kingston, City	Construction of Macadam Roadway on College Street	4,500.00	B-5501	
(d)	Kingston, City	Erection of Building for tools and equipment in City Park	5,000.00	B-5512	
	Kingston, City	Resurfacing of Montreal Street	1,818.60	B-5540	
	Kingston, City	Construction of Concrete Walks on Helen and College Streets	847.00	B-5571	
	Kingston, City	Construction of Macadam Roadway on College Street	4,025.00	B-5642	(a)
(l) (d) (j)	Kingsville, Town	Retirement of certain unmatured debentures in the sum of	280,364.00	B-4785	

(d) (j)	Kingsville, Town	Repair of streets, sidewalks, sewers and general repairs	19,636.00	B-4786	
(h)	Kitchener, City	Construction of Curb and Gutter Replacement, Victoria Street, (c)., (d) Curb and Gutter, Roadway widened and resurfaced, Krug Street, (m) Asphalt Pavement with Curb and Gutter, Borden Avenue, (o) Concrete Walk, Charles Street, and (p) Sheet Asphalt Pavement with Concrete base and curb, Charles Street	25,168.00	B-4208	(c-d-m-o-p)
	Kitchener, City	Construction of Watermain on Merner Avenue	2,476.80	B-4256	
(a)	Kitchener, City	Sanitary Sewers, St. Vincent Street and Blucher Boulevard	4,097.00	B-4358	(b-c)
(h)	Kitchener, City	Construction of Concrete Walks on Grenville Avenue and Woodside and Water Streets, Curb, Gutter, Grading, Gravelling and Oiling on Peltz Avenue and Grading and Gravelling on Merner Avenue	14,947.60	B-4444	(a-f)
(a) (h)	Kitchener, City	Construction of Pavement on Victoria Street	46,763.00	B-4444	(g)
(a)	Kitchener, City	Construction of Watermain on Blucher Blvd.	1,452.00	B-4698	
	Kitchener, City	Construction of Concrete Walks on Sydney Street and Merner and Stirling Avenues; Curb, Gutter and Bituminous Roadway on Brubacher, Sydney and Russell Streets; Grading and gravelling on Bricker and Shoemaker Avenues and Russell Street; Watermains on Bricker Avenue, Highland and Bedford Roads and Russell Street; Sheet Asphalt Pavement, &c., Merner Avenue; Sanitary Sewers on Sydney Street and Highland and Bedford Roads, and Gravelled and Oiled Roadway on Duchess Avenue	52,511.41	B-4855	(a)
(a)	Kitchener, City	Construction of Watermains on Charles, Guelph and St. Vincent Streets	2,863.00	B-4855	(b)
(h)	Kitchener, City	Construction of Curb, Gutter and Bituminous Roadway on Brubacher Street, Bituminous Roadway, Curb & Gutter, Sewer and Water Connections and Boulevard Construction on Sydney Street, and Sheet Asphalt Pavement including Curb and Gutter, Drainage, Boulevards, Water and Sewer Connections on Merner Avenue	8,349.20	B-4855	(b-e-f)
(h)	Kitchener, City	Construction of Concrete Walks on Lancaster, DeKay, Victoria Street South and West Avenue; Lane Widening of Fire Hall Lane, and Curb and Gutter and Bituminous Roadway on Krug Street	12,455.20	B-5334	
(a)	Kitchener, City	Construction of Watermain on Mansion Street	616.00	B-5439	(a)
	Kitchener, City	Construction of Curb and Gutter and Bituminous Pavement on Chapel Street and Watermain on Arnold Street	5,808.00	B-5439	(b-c)
(a)	Kitchener, City	Construction of grading and gravelling on Blucher Boulevard and St. Vincent Street	5,702.00	B-5451	(a-b)
(i) (d) (j)	Leamington, Town	Retirement of certain callable debentures in the sum of	320,000.00	B-4761	
(a) (h)	Leaside, Town	Construction of Pavement and Grading on Eglinton Avenue	16,700.00	B-1853	

(a)	(h)	Leaside, Town	Construction of Concrete Pavement with Curbs and Drainage on Wicksteed Ave.	57,800.00	B-1947	(b)
(a)	(h)	Leaside, Town	Construction of Pavements as local improvements	132,900.00	B-2901	(e-k)
(a)	(h)	Leaside, Town	Construction of Sidewalks as local improvements	25,216.61	B-2989	(a)
(a)	(h)	Leaside, Town	Construction of Concrete Sidewalks as local improvements	15,505.00	B-2989	(b)
(a)	(h)	Leaside, Town	Construction of Watermain on Commercial Street	5,500.00	B-3296	
(a)	(h)	Leaside, Town	Construction of certain local improvements	30,350.00	B-3404	
(a)	(h)	Leaside, Town	Construction of certain local improvements	70,062.20	B-3512	
(a)	(h)	Leaside, Town	Construction of certain local improvements	255,050.00	B-3780	(a-b)
(a)		Leaside, Town	Construction of Sidewalks on Glenbrae Avenue, Laird Drive, Parkhurst Boulevard and Millwood Road.	6,871.50	B-3881	
(d)		Leaside, Town	Erection and furnishing of a High School	570,000.00	B-4377	
(a)		Leaside, Town	Construction of Watermains and Sewers as local improvements	167,698.00	B-4403	(a-b)
(a)		Leaside, Town	Construction of Sanitary Sewer on Bayview Avenue	3,500.00	B-5092	
		Leaside, Town	Construction of Watermains and Sewers on Hanna Road and Leacrest Road	13,700.00	B-5338	(1-2)
(a)		Leaside, Town	Construction of Sidewalks on Broadway, Laird Glenvale, Annesley and Beaufield Avenues and Pavements on Southlea and Leadale Avenues	43,045.72	B-5402	
(a)		Leaside, Town	Construction of Catch basins and Storm Sewers as local improvements	86,755.00	B-5411	
(a)		Leaside, Town	Construction of Storm Sewers and Pavement on Bayview Avenue	52,185.00	B-5478	
		Leaside, Town	Construction of Concrete Curbs on McRae Drive as a local improvement	3,663.00	B-5523	
		Leaside, Town	Construction of Concrete Sidewalk on Laird Drive S., as a local improvement	325.00	B-5524	
		Leaside, Town	Grading, Gravelling and constructing Catch Basins and Storm Sewers on Leacrest and Hanna Roads	8,400.00	B-5649	
		Board of Trustees S.S. #1 Unorganized Tp. of Lebel	Erection, equipping and furnishing 2-room addition to present School, Construction of Cement Piers under School, replacing of old joists and sills, and installation of complete heating plant	26,000.00	B-5375	
(d)		Levack, Town	Erection and equipment of 2-room addition to Public School	40,000.00	B-5068	
		Lindsay, Town	Construction of Granolithic Sidewalk on Kent Street as a local improvement	13,834.33	B-5289	
(j)		Lochiel, Tp.	Repair and improvement of Lochinvar Drain	3,978.52	B-4856	
(d)		Logan, Tp.	Construction of Higgerson Drain	1,090.00	B-4463	
(d)		Logan, Tp.	Repair of Dillon Drain Extension and Branch	1,250.00	B-5483	
(d)		Logan, Tp.	Drainage Work in Townships of Logan and Ellice	2,365.00	B-5372	

	London, City	Construction of Sanitary Sewers on Graydon, Abbott and Elgin Streets and Sewer on Wellington Crescent and Foxbar Road	14,407.99	B-4368 (a-d)
	London, City	Construction of Sanitary Sewers in Eastmount Avenue and Gleeson Street	9,544.47	B-4577 (a-b)
	London, City	Construction of Curb and Gutter on Foxbar Road and Wellington Crescent	616.00	B-4717 (a-b)
	London, City	Construction of Curb and Gutter on North and South Abbott Street, Sanitary Sewers on Ross and Langmuir Streets and Cement Walks on S. Terrence, S. Abbott and N. Abbott Streets	14,484.62	B-4764 (a-f)
	London, City	Construction of Cement Sidewalks on S. Terrence and W. McDiarmid Streets, Curb and Gutter on W. High Street, and Tile Sewers on McCormick Blvd., Adelaide Street and N. Whetter Avenue	12,482.48	B-4896 (a-f)
(k)	London, City	Purchase of Properties for housing developments in Comfort Place and Bellwood Park Areas and Storm Sewers	31,000.00	B-4898
(a)	London, City	Construction of local improvement works	22,815.71	B-5031 (a-f)
	London, City	Construction of local improvement works	8,844.06	B-5231
	London, City	Construction of a Sanitary Sewer on Private Property—Eastmount Avenue to Montague Place	3,441.75	B-5371
	London, City	Construction of Cement Walks and Street Openings, East Smith Street, Euclid Avenue, South Eastmount Avenue, Nelson Street, Sanders Street	10,411.11	B-5601
(h) (j)	London, Tp.	Construction of 2-room addition to Broughdale Public School, P.S.S. #28	26,500.00	B-2915
	London, Tp.	Construction of Watermains on Edinburg, Cambridge, Appell and Harley Streets, Britannia, Columbia, and Upper Avenues and Calgary Boulevard	27,372.00	B-4669
(d)	London, Tp.	Construction of Watermain on Richmond Street as a local improvement	15,400.00	B-5300
	London, Tp.	Construction of Watermain on Fourth Concession Road as a local improvement	3,350.00	B-5633
(a) (f)	Long Branch Village	Construction of Storm Sewers on Alder Crescent, Tamarac and Meaford Avenues, City, Ramsgate and Iris Roads and Lake Promenade	26,974.00	B-4228
(d)	Loughboro, Tp.	Erection of one-room School on Perth Road	10,000.00	B-5276
(d)	Louth, Tp.	Public School purposes, P.S.S. #4	75,000.00	B-4034
	Louth, Tp.	Construction of Drain	50,000.00	B-5966
(d)	Lucan, Village	Construction of Waterworks System	100,000.00	B-5038
(d) (j)	Lybster, Tp.	Erection and equipping of Public School, S.S. #1	10,000.00	B-3907
(d)	Maidstone, Tp.	Repair of Fourth Concession Drain	2,659.32	B-5065 (a)
(d)	Maidstone, Tp.	Repair of Union Drain	9,262.55	B-5065 (b)

(d)	Maidstone, Tp.	Improvements to Schools Nos. 5 and 10	5,000.00	B-5362
(d)	Maidstone, Tp.	Construction of Poisson Drain	1,742.00	B-5363 (a)
(d)	Maidstone, Tp.	Construction of Hogan Drain Outlet	3,047.40	B-5363 (b)
	Markham, Tp.	Construction of Gravel Road on Elgin Avenue as a local improvement	550.00	B-5461
	Maryborough Tp.	Township's share of cost of repair of Maryborough No. 3 Municipal Drain	952.54	B-4678
	Maryborough Tp.	Township's share of cost of Loughran Drain	1,321.00	B-5472
(d) (j)	Mattawa, Town	High School purposes	130,000.00	B-4369
(l) (d)	Meaford, Town	Repair of Big Head River Bank	19,000.00	B-4911
(a)	Meaford, Town	Construction of Cement Sidewalk Collingwood Street	670.00	B-5509
(d)	Meaford, Town	Public School purposes	296,000.00	B-5643
(d)	Mersea, Tp.	Repair of Ninth Concession Branch of Big Creek and Big Creek Drain	7,309.00	B-4578
(d)	Mersea, Tp.	Erection and Equipment of New School, P.S.S. #23	1,800.00	B-5132
	Mersea, Tp.	Construction of Drain	50,000.00	B-5224
	Middleton, Tp.	Repair of J. N. White Drain	854.64	B-4426
	Middleton, Tp.	Cleaning and Repairing of R. C. Hillis Municipal Drain	2,807.68	B-4451
(i) (d) (j)	Midland, Town	Retirement of certain callable debentures	154,387.65	B-4793
(d)	Mildmay, Village	Construction of Memorial Hall and Arena	20,000.00	B-5839
(d)	Board of School Trustees, Tp. School Area, Unorganized Tp. of Mills	Public School purposes	3,000.00	B-5650
(i) (d) (j)	Mimico, Town	Retirement of certain unmatured debentures	984,000.00	B-4810
(d)	Moore, Tp.	Repair and improvement of Austin Drain	921.00	B-4579
(d)	Moore, Tp.	Construction of Plank Road Drain	2,153.00	B-5234
(d)	Moore, Tp.	Installation of Waterworks System, Police Village of Brigden	45,000.00	B-5349
(d)	Moore, Tp.	Repair and improvement of Hescott-Anderson Drain	4,360.00	B-5384 (a)
(d)	Moore, Tp.	Repair and improvement of Duncan Drain and Outlet	1,580.00	B-5384 (b)
(d)	Moore, Tp.	Repair and improvement of Shaw Drain	1,054.00	B-5657
(d)	Mornington, Tp.	Repair of Langford Drain	2,780.00	B-5757 (a)
(d)	Mornington, Tp.	Repair and improvement of Gernhelder Drain	1,423.00	B-5757 (b)
(h)	Mosa, Tp.	Construction of Marko Drain	510.00	B-3010
	Mosa, Tp.	Repair of Upper End of Brammer Drain	535.00	B-5226 (a)
	Mosa, Tp.	Repair of Eastern Outlet of Government Drain # 6	2,100.00	B-5226 (b)
	Mosa, Tp.	Repair of lower portion of the Chittim Drain	277.50	B-5226 (c)
	Mosa, Tp.	Repair and improvement of Harper Drain	790.00	B-5342 (a)
	Mosa, Tp.	Construction of the Clayton Drain	1.215.50	B-5342 (b)
	Mosa, Tp.	Repair and improvement of McNaughton Drain	413.00	B-5342 (c)
(d)	Mosa Tp.	Repair and extension of Albert Winger Drain	438.90	B-5608

(d)		Morrisburg, Village	Erection of Community Memorial Hall and Municipal Buildings	40,000.00	B-4789
(d)		Mornington, Tp.	Repair of the Mank Drain	2,775.00	B-4555 (a)
(d)		Mornington, Tp.	Repair of the Hymers Drain	2,650.00	B-4555 (b)
(d)		Mountain, Tp.	Construction of Riddell Drain	3,700.00	B-5817
		McKillop, Tp.	Repair of the Dietz Branch of Hoegy Drain	1,068.00	B-3480
(d)		McKillop, Tp.	Completion of Higgerson Drain	850.00	B-4692
(d)		McKillop, Tp.	Repair and improvement of Beauchamp Creek Drain	2,920.00	B-4822
(d)	(j)	McKim, Tp.	Construction of Watermains on Logan and Dean Avenues and lane south of Damaris Crescent	7,660.00	B-4602
(d)		McLennan, Tp.	Erection and equipping of School Building	5,000.00	B-5388
(d)		Board of Trustees, P.S.S. # 1, Unorganized Tp. of Nakina	Addition to present School and renewing of Heating System	20,000.00	B-5365
(f)		Napanee, Town	Construction of Sewers on Belleville Road and Thomas, Robinson and Graham Streets as local improvements	32,025.00	B-5813
		Nelson, Tp.	Watermain on Glenwood Avenue, as a local improvement	4,800.00	B-5809
(h)	(a)	Nepean, Tp.	Certain Sewers and Watermains	17,467.00	B-2700 B-2701
(a)		Nepean, Tp.	Construction of Sewers and Watermains as local improvements	43,270.00	B-5576
(d)		Newcastle, Village	Installation of Heating Plant in Public School	5,500.00	B-4865
		New Toronto, Town	Construction of Pavement and Curb, Gutters and Sewer on Second Street	13,400.00	B-4923
(f)		New Toronto, Town	Construction of Pavement, Curb and Gutters, Emerald Crescent	6,550.00	B-5655
		Niagara Falls, City	Alterations and additions to Collegiate-Vocational Institute (Architect's fees)	10,000.00	B-4675
(k)	(d)	Niagara Falls, City	Purchase of Hose Truck for Fire Department and Gasoline Road Roller	12,000.00	B-4820 (a-c)
(a)		Niagara, Town	Construction of Sewers on Melville. Ricardo and Wellington Streets	3,000.00	B-5449
		Niagara, Tp.	Construction of the Cole Drain	16,589.32	B-5202
		Niagara, Tp.	Construction of Consolidated Harrison Drainage System	105,987.45	B-5243
(d)	(c)	Nipigon, Tp.	Enlargement of Consolidated School	160,000.00	B-5691
(j)		North Bay, City	Purchase of Garbage Collection Equipment	10,000.00	B-4874
		North Norwich Tp.	Repair and improvement of Close Drain	3,387.50	B-5236
(k)		North York, Tp.	Purchase of lands for Park purposes—Cheltenham Park	10,000.00	B-4268
(a)		North York, Tp.	Construction of Watermains on York Downs Drive, Kensington Crescent, and Westminster Parkway, and Macadam Pavement on Kensington Crescent and Westminster Parkway	12,500.00	B-4271 (1-6)
(a)		North York, Tp.	Construction of Pavement on Hillcrest Avenue	3,300.00	B-4360

	North York, Tp.	Erection of Street Lighting	7,356.63	B-4501
	North York, Tp.	Construction of Watermain on Dawlish Avenue	1,986.00	B-4523
	North York, Tp.	Construction of Watermains on Snyder and Bridgeland Avenues, Cornelius Parkway and Maple Leaf Drive	29,163.40	B-4528
	North York, Tp.	Construction of Gravel Roadway on Poyntz Avenue as a local improvement	750.00	B-4596
	North York, Tp.	Construction of Watermain on Hillmount Avenue	1,800.00	B-4590
(d) (j)	North York, Tp.	Addition to Armour Heights Public School	150,000.00	B-4710
	North York, Tp.	Construction of Watermain and Sanitary Sewer on McGillivray Avenue	3,786.75	B-4712 (a-b)
	North York, Tp.	Construction of Watermains on Beechwood and Cedarwood Avenues	1,875.00	B-4713 (a-b)
(a)	North York, Tp.	Construction of Watermain on Dufferin Street	47,500.00	B-4718 (1)
(a)	North York, Tp.	Construction of Watermain on Wilson Avenue	85,000.00	B-4718 (2)
(k)	North York, Tp.	Construction of Addition to Township's Municipal Building	47,315.00	B-4730
	North York, Tp.	Construction of Watermain on Dufferin Street as a local improvement	11,200.00	B-4796
	North York, Tp.	Construction of Watermain on Centre Avenue as a local improvement	5,393.50	B-4797
	North York, Tp.	Construction of Watermain on York Mills Road as a local improvement	20,000.00	B-4840
	North York, Tp.	Construction of Pavement with Curbs and Gutter on Broadway Avenue and Walder Street	5,100.00	B-4946
	North York, Tp.	Construction of Storm Sewer on Lytton Boulevard as a local improvement	2,631.40	B-4958
(a)	North York, Tp.	Construction of Watermains on Bayview Avenue as local improvements	2,383.00	B-5033 (a-b)
(a)	North York, Tp.	Construction of Sidewalk on Melrose Avenue as a local improvement	13,000.00	B-5048
	North York, Tp.	Construction of Watermain on Bayview Avenue and Spring Garden Avenue as local improvements	1,775.00	B-5063 (a-b)
(a)	North York, Tp.	Construction of Double Surface Treatment on York Mills Road	2,000.00	B-5095
	North York, Tp.	Construction of Gravel Roadways on Falstaff and Omagh Avenues as local improvements	2,150.63	B-5096
	North York, Tp.	Construction of Watermain on Victor Avenue as a local improvement	1,000.00	B-5103
	North York, Tp.	Construction of Sanitary Sewer on Kelso Street and Pavement on Ledbury Road as local improvements	3,771.81	B-5141 (a-b)
	North York, Tp.	Construction of Black Base Pavement on Winston Park Boulevard as a local improvement	7,500.00	B-5131 (a)

	North York, Tp.	Construction of Watermain on Ansel Avenue as a local improvement	1,250.00	B-5131 (b)
	North York, Tp.	Construction of Watermains on Armour and Yonge Boulevards, Belgrave and Delhi Streets, and Black Base Pavement on Armour Boulevard and Belgrave and Delhi Streets as local improvements	24,077.76	B-5147 (1-7)
(a)	North York, Tp.	Construction of Watermain on York Mills Road	3,200.00	B-5301 (a)
(a)	North York, Tp.	Construction of Black Base Pavement with curb and gutter on Elm Road	2,800.00	B-5301 (b)
	North York, Tp.	Double Surface Treatment on Eastview Crescent Road as a local improvement	1,000.00	B-5311 (a)
	North York, Tp.	Construction of Sanitary Sewer on Brooke Avenue as a local improvement	1,550.00	B-5311 (b)
	North York, Tp.	Construction of Watermain on McKee Avenue as a local improvement	1,850.63	B-5408
(f)	North York, Tp.	Construction of Sanitary Sewer on Woburn Avenue as a local improvement	657.08	B-5413
		Construction of Sanitary Sewer on Woburn Avenue	1,400.00	B-5413-4
(a)	North York, Tp.	Construction of Sanitary Sewer on Woburn Avenue	1,400.00	B-5414
	North York, Tp.	Construction of Gravel Roadway on Doris Avenue as a local improvement	2,650.00	B-5465
	North York, Tp.	Construction of Watermain on Doris Avenue as a local improvement	1,236.00	B-5476
(a)	North York, Tp.	Construction of Watermains and Sanitary Sewers on Avenue Road	11,891.00	B-5477 (a-b)
	North York, Tp.	Construction of Watermains on Eugene Street, Marcia and Lawrence Avenues	7,857.72	B-5507 (a-c)
	North York, Tp.	Construction of Sanitary Sewer on Deloraine Avenue as a local improvement	1,060.00	B-5508
	North York, Tp.	Construction of Sanitary Sewer and Watermain on Joicey Avenue as a local improvement	1,896.16	B-5514 (a-b)
	North York, Tp.	Construction of Watermain on Shelborne Avenue as a local improvement	3,523.84	B-5529
(f)	North York, Tp.	Construction of Watermains on Old Colony Road as local improvements	5,075.44	B-5616 (a-b)
(f)	North York, Tp.	Construction of Watermain on Hopcroft Avenue as a local improvement	1,254.50	B-5676 (a)
(f)	North York, Tp.	Construction of Macadam Roadway as a local improvement on Shelborne Avenue	4,228.42	B-5676 (b)
(f)	North York, Tp.	Construction of Sanitary Sewer on Woburn Avenue as a local improvement	1,800.00	B-5756
(f)	North York, Tp.	Construction of Watermain on Glengrove Ave. as a local improvement	14,000.00	B-5797 (a)

(f)	North York, Tp.	Construction of Storm Sewer on Glengrove Avenue as a local improvement	9,000.00	B-5797 (b)
(f)	North York, Tp.	Construction of Watermain on Celt Avenue as a local improvement	2,057.47	B-5857
(f)	North York, Tp.	Construction of Watermains on Walker Road as local improvements	4,797.23	B-5858 (a-b)
(f)	North York, Tp.	Construction of Storm Sewers on Otter Crescent and Kimbark Boulevard as local improvements	3,300.00	B-5859 (a-b)
(f)	North York, Tp.	Construction of Watermains on Connie, Jay and Marcia Streets as local improvements	4,002.50	B-5867 (a-c)
(f) (d) (j)	Orangeville, Town	Improvements to High School	10,000.00	B-5556
(d)	Orford, Tp.	Construction of McPherson Drain	770.00	B-5225 (a)
(d)	Orford, Tp.	Drainage work on McGregor Creek	1,083.76	B-5225 (b)
(d)	Orford, Tp.	Repair and improvement of King Drain	1,925.00	B-5225 (c)
(d)	Orford, Tp.	Repair and improvement of South Marsh Drain	714.00	B-5225 (d)
(d)	Orford, Tp.	Construction of Gordon Drain	573.00	B-5493 (a)
(d)	Orford, Tp.	Repair and improvement of the McMillan Drain	733.00	B-5493 (b)
(d)	Orford, Tp.	Repair and improvement of the Gillies Drain	134.39	B-5493 (c)
(d)	Orford, Tp.	Repair and improvement of the Gillies Drain	913.41	B-5493 (d)
(d)	Orford, Tp.	Repair and improvement of the Callow Drain	561.00	B-5493 (e)
(h)	Orillia, Town	Construction of Sanitary Sewers on John, Nottawasaga, Harvey, McKenzie, Bleeker, McKinnell and Frederick Streets, as local improvements	2,970.40	B-2897 (a-j)
(d) (h) (f)	Orillia, Town	Purchase of Fire Truck and Pumper	15,500.00	B-4420
(d) (j)	Oro, Tp.	Erection of Community Hall in Union S.S. #5—Medonte Tp.	2,800.00	B-5436
(h-l) (d)	Oshawa, City	Certain floating indebtedness	72,000.00	B-5831
(h)	Ottawa, City	Construction of certain Sewers and Sewer Connections	35,000.00	B-4013 (a)
(h)	Ottawa, City	Construction of certain Roadways, Pavements, Curbs and Sidewalks	15,000.00	B-4013 (b)
	Ottawa, City	Construction of Young Street Sewer as a local improvement	3,108.00	B-4762
	Ottawa, City	Construction of Concrete Curb and Sidewalk on Sherwood Drive and Young Street respectively as local improvements	2,756.25	B-4825 (a-b)
(k)	Ottawa, City	Construction and equipping of Health Centre Building	35,000.00	B-4932
(a)	Ottawa, City	Construction of Concrete Sidewalks on Booth, Duke, John and Somerset Streets as local improvements	4,910.00	B-4981
(a)	Ottawa, City	Construction of Concrete Sidewalks on Bertrand, Bolton, Catharine, Cumberland, Friel, Helena, Main, McLeod, O'Connor, Oxford, Preston and Somerset Streets and Strathcona Avenue	31,167.50	B-4999
(a)	Ottawa, City	Construction of Asphalt Pavements on Chapel, Murray and Cobourg Streets	61,553.00	B-5010 (1-4)

	Ottawa, City	Construction of Sewer on Kennear Street as a local improvement	1,850.00	B-5145
(a)	Ottawa, City	Construction of Concrete Sidewalks on Cambridge Street and Fairfax Avenue as local improvements	3,900.00	B-5211
(d)	Ottawa, City	Installation of Sewers at Second Veterans' Housing Project	160,000.00	B-5237
(d)	Ottawa, City	Construction of Pavements, Sidewalks and Curbings at Second Veterans' Housing Project	190,000.00	B-5238
	Ottawa, City	Construction of Concrete Sidewalk on Belgrave Road as a local improvement	2,250.00	B-5239
(a)	Ottawa, City	Construction of Concrete Sidewalks on Blackburn and Fourth Avenues as local improvements	3,375.00	B-5324 (1-2)
(a)	Ottawa, City	Construction of Asphalt Pavement on First Avenue	7,000.00	B-5325
(a)	Ottawa, City	Construction of Concrete Sidewalks on Grant Street and Beverley and Parkdale Avenues as local improvements	3,630.00	B-5326 (1-3)
(a)	Ottawa, City	Construction of Sidewalks on Augusta, Oxford and Preston Streets and Carling and Parkdale Avenues as local improvements	5,403.75	B-5327
	Ottawa, City	Construction of Sewer on Breezehill Avenue as a local improvement	3,575.00	B-5450
(a)	Ottawa, City	Construction of Concrete Sidewalks on Onslow Crescent and Burnham Road as local improvements	4,193.75	B-5489 (a-b)
(a)	Ottawa, City	Construction of Concrete Sidewalks on Geneva, Gilmour, Lyon and Queen Sts.	7,325.00	B-5550 (1-4)
(a)	Ottawa, City	Construction of Concrete Sidewalks on Arlington Avenue, Bank and Queen Sts.	6,714.68	B-5551
	Ottawa, City	Construction of Sewer on Glendale Avenue	550.00	B-5552
	Ottawa, City	Construction of Sewer on Bayswater Place	7,280.00	B-5621
	Ottawa, City	Construction of Sewer on Young Street	2,020.00	B-5792
(d) (h) (f) (j)	Paisley, Village	Establishment of Waterworks and Fire Protection System and the Purchase of a Fire Truck	75,000.00	B-3849 B-4119
	Palmerston, Town	Addition to High School	20,000.00	A-8329
(a)	Palmerston, Town	Construction of Sewers on Boulton and Dufferin Streets	6,345.11	B-5354
(d)	Parkhill, Town	Addition to Fire Hall and purchase of Fire Truck and Equipment	7,100.00	B-5727
(d) (c) (j)	Pelham, Tp.	Erection of Police Village Hall	4,500.00	B-5361
(d) (e) (j)	Perry, Tp.	Erection of new School	38,000.00	B-4414
	Peterborough, City	Construction of Sanitary Sewers on Rubidge and Wolsely Streets	2,845.56	B-5843 (a-b)
(d)	Peterborough, City	Purchase of lands for Housing Enterprises	11,950.00	B-5844
(d)	Peterborough, City	Construction of Pavements on Water Street	175,000.00	B-4416 (b)
(a)	Peterborough, City	Construction of local improvement Sewers	100,575.00	B-4019
	Peterborough, City	Acquisition of lands for Industrial Sites	50,000.00	B-4416 (a)

(d) (e) (j)	Peterborough, City	Construction of Pavements on Water Street and Private Sewer	175,000.00	B-4416	(b)
	Peterborough, City	Connections for Wartime Housing Ltd.	2,180.99	B-5453	
	Peterborough, City	Construction of Sanitary Sewer on Fagan Avenue	2,806.50	B-5418	
	Peterborough, City	Construction of Sanitary Sewer on Braidwood Avenue	11,044.00	B-5419	
	Peterborough, City	Construction of Sanitary Sewer on Duffus Street	1,230.87	B-5420	
	Peterborough, City	Construction of Concrete Sidewalk on Churchill Drive	180.00	B-5421	
	Peterborough, City	Construction of Sanitary Sewer on Parkhill Road	535.75	B-5480	
	Peterborough, City	Construction of Cement Concrete Sidewalks on Cambridge, Fagen, Bethune, Reid, Stevenson and Boliver Streets	5,788.66	B-5541	(a-f)
(d) (j)	Peterborough, City	Construction of Private Sewer Connections for Wartime Housing Ltd.	2,180.99	B-5453 B-4416	 (b)
(h) (d)	Petrolia, Town	Purchase of Triple Combination Fire Pumper, Booster and Hose Truck	1,252.00	B-1046	
(d)	Petrolia, Town	Alteration and Repair of Library Building	5,000.00	B-4459	
(f)	Petrolia, Town	Construction of Asphalt Pavement with cement curbs and gutters and tile Drain on Catherine Street	2,199.82	B-4948	
(f)	Petrolia, Town	Construction of Curb and Gutter and replacement of sidewalks on Nelson Street	3,781.82	B-4949	
	Petrolia, Town	Construction of Asphalt Pavement, Curbs, Gutters, Drain on Kerby Street	1,254.00	B-4991	
	Petrolia, Town	Construction of Asphalt Pavement, Curbs, Gutter, Tile Drain, Princess Street	6,168.75	B-4992	
(f) (d) (j)	Picton, Town	Construction of Sewerage Disposal Plant	450,000.00	B-5390	
(d)	Plympton, Tp.	Repair and improvement of Armstrong Award Drain	1,450.00	B-4462	
(d)	Plympton, Tp.	Repair of the Archer Drain	1,409.00	B-5024	
(d)	Plympton, Tp.	Repair and improvement of the McLaren Drain	275.00	B-5835	(a)
(d)	Plympton, Tp.	Repair and improvement of the McColl-O'Donnell Drain	1,080.00	B-5835	(b)
(d)	Plympton, Tp.	Repair and improvement of the McAndrew Drain	4,904.00	B-5835	(c)
(d)	Plympton, Tp.	Repair and improvement of the Willoughby Drain	673.00	B-5835	(d)
(d) (j)	Point Edward, Village	Repairs to Public School	7,000.00	B-4640	
	Port Colborne, Town	Construction of Sanitary Sewers on Bell and Kinnear Streets	1,673.20	B-5721	
	Port Colborne, Town	Construction of Sanitary Sewer on Sugar Loaf Street	16,887.26	B-4655	
(a)	Port Credit, Village	Construction of Cement Sidewalk on Elizabeth Street	1,081.60	B-5534	
(f)	Port Credit, Village	Construction of Watermain on Tecumseth Avenue	1,798.00	B-5470	(1)
(d)	Port Lambton, Police Village	Purchasing Fire Engine and Appliances for Fire Protection	3,000.00	B-5284	
(h-l) (f)	Port Perry Village	Certain floating indebtedness	8,000.00	B-5852	
(k) (d) (j)	Preston, Town	Acquisition of lands for Cemetery purposes	4,500.00	B-3080	
(a) (h)	Preston, Town	Construction of Sanitary Sewers on Oak and Whitley Streets	1,920.00	B-5130	

		Preston, Town	Construction of Sidewalks on Sherring and Hamilton Streets and Curb and Gutter on Argyle Street	1,302.64	B-5363	(a-c)
		Preston, Town	Construction of Sanitary Sewers on Louther Street	2,722.50	B-5417	(a-c)
		Preston, Town	Construction of local improvement Sidewalks	4,843.08	B-5450	
(a)		Rainy River, Town	Construction of Sewer and Waterworks on Fifth Street	24,802.00	B-4873	(a-b)
(d)	(j)	Ratter & Dunnet, Tps.	Construction of new school in U.S.S. # 5	6,000.00	B-5219	
(d)	(j)	Rayside, Tp.	Erection of new School House P.S.S. #4	7,000.00	B-4886	
(d)		Richmond Hill, Village	Public School purposes	86,000.00	B-4849	
(d)	(j)	Rockcliffe Park, Village	Addition to Public School on Springfield Road	88,000.00	B-5213	
		Rockcliffe Park, Village	Construction of Watermain on Willingdon Road	4,915.80	B-5337	
(d)		Romney, Tp.	Improvement and maintenance of No. 14 or Tunnel Drain	16,319.00	B-4680	
(d)		Romney, Tp.	Repair of the Lowe Drain	1,722.00	B-4944	
		Rockcliffe Park, Village	Construction of Sanitary Sewers on Springfield Road	22,318.69	B-5395	
(d)		Romney, Tp.	Repair and improvement of Barton Drain	1,318.00	B-5475	
(h)	(a)	St. Catharines, City	Construction of certain works	49,188.00	B-2834	
(d)		St. Catharines, City	Public School purposes	180,000.00	B-3574	
(h)	(a)	St. Catharines, City	Construction of Tile Sewers	185.69	B-4009	
		St. Catharines, City	Construction of certain local improvements	16,834.00	B-4852	
		St. Catharines, City	Construction of Sewers on Berryman Avenue and Ridgewood Road and Private Drain connections on Ridgewood Road	3,595.00	B-4989	
		St. Catharines, City	Construction of private Drain Connections on Victoria, Stuart, George and Fitzgerald Streets	648.00	B-5565	(a-d)
(a)		St. Catharines, City	Construction of certain local improvement works	24,100.00	B-5764	(a-c)
(d)	(j)	St. Clair Beach, Village	Additional funds for U.S.S. #3	2,000.00	B-4344	
		St. Thomas, City	Construction of Sanitary Sewers in Homedale Subdivision	49,981.00	B-5156	
		St. Thomas, City	Construction of Sidewalk on Talbot Street	618.00	B-5426	
		St. Thomas, City	Construction of Concrete Sidewalk on Wilson Avenue	206.00	B-5663	(a)
		St. Thomas, City	Construction of Concrete Sidewalk on Redan Street	328.00	B-5663	(b)
		St. Thomas, City	Construction of Concrete Sidewalk on Talbot Street	280.00	B-5663	(c)
		Saltfleet, Tp.	Addition to High School	7,500.00	B-5742	
(d)		Sandwich South Tp.	Repair of South Talbot and O'Connell Drain	1,481.00	B-5353	(a)
(d)		Sandwich South Tp.	Repair of Eighth Concession and South Talbot Drain	1,687.00	B-5353	(b)
(d)		Sandwich South Tp.	Repair of the Hayes Drain	1,646.00	B-5474	
(d)		Sarnia, City	Waterworks Purposes	210,000.00	B-4652	
(k)	(d)	Sarnia, City	Construction of Municipal Equipment Storage Building	20,000.00	B-4665	
(a)		Sarnia, City	Construction of Concrete curb and gutter on Confederation Street and Asphalt paved surface on Talfourd Street	39,261.00	B-4875	
		Sarnia City	Construction of combined concrete curb and gutter, Martha Street	904.18	B-4889	
(d)		Sarnia, City	Hospital purposes	23,000.00	B-5009	
(d)		Sarnia, City	Providing pensions for full-time employees of Sarnia and Local Boards	123,000.00	B-5027	

	Sarnia, City	Construction of Concrete Gutter and Pavement on Norman Street	5,359.53	B-5028
	Sarnia, City	Construction of Concrete Sidewalk on Talfourd Street	648.75	B-5030 (a)
	Sarnia, City	Construction of Concrete Sidewalk on East Street	747.00	B-5030 (b)
	Sarnia, City	Construction of Concrete Sidewalk on West Cecil Street	709.00	B-5299 (a)
	Sarnia, City	Construction of Sewers on Felix, Gordon and Lydia Streets	6,313.00	B-5368
(d)	Sarnia, City	Construction of Storm Sewers on Bright, East and Russell Streets	165,000.00	B-5389
	Sarnia, City	Construction of Concrete Sidewalk on East Street	204.00	B-5454
	Sarnia, City	Construction of Concrete Sidewalk on Exmouth Street	289.00	B-5517 (a)
	Sarnia, City	Construction of Concrete Curb and Gutter on Exmouth Street	412.00	B-5517 (b)
	Sarnia, City	Construction of Sidewalk on West Cecil Street	340.00	B-5619 (a)
	Sarnia, City	Construction of Concrete sidewalk on Watson Street	344.30	B-5619 (b)
	Sarnia, Tp.	Construction of Collier Drain	570.00	B-4452
	Sarnia, Tp.	Construction of Sam Kerr Drain	675.00	B-4490
(d)	Sarnia, Tp.	Erection and equipment of School, P.S.S. #6	70,000.00	B-4607
	Sarnia, Tp.	Construction of the Kettle Drain	594.00	B-4627
	Sarnia, Tp.	Construction of Watermain on Exmouth Street	5,119.10	B-4628
	Sarnia, Tp.	Construction of a Watermain on Talfourd Street	3,245.00	B-4844 (a)
(j)	Sarnia, Tp.	Construction of Watermain along Siddell Street	3,078.72	B-4844 (b)
(j)	Sarnia, Tp.	Construction of Watermain on London Road	12,479.29	B-4851
(d) (j)	Sarnia, Tp.	Construction of 2-roomed Addition to School, S.S. #15	25,000.00	B-4899
	Sarnia, Tp.	Construction of Watermain on Michigan Avenue	7,064.00	B-4900
	Sarnia, Tp.	Construction of Watermain on Confederation Street	3,659.65	B-5249
	Sarnia, Tp.	Repair and improvement of Frank Miller Drain	746.00	B-5315
	Sarnia, Tp.	Repair and improvement of Luckins Drain	930.00	B-5490
(d)	Sarnia, Tp.	Repair and improvement of Hind Drain	1,676.00	B-5492
(d)	Sarnia, Tp.	Repair of West Drain	1,200.00	B-5513
(d)	Sarnia, Tp.	Repair of Storey Drain	5,598.00	B-5697
(d)	Sarnia, Tp.	Purchase of Fire Protection Appliances	1,800.00	B-5827
(d) (j)	Sault St. Marie, City	Public School purposes	420,123.00	B-4804
(d) (j) (c)	Sault Ste. Marie, City	Erection of Memorial Community Building	400,000.00	B-5346
(d) (f) (j)	Scarborough, Tp.	Construction of Incinerator	55,000.00	B-3216
(d) (j)	Scarborough, Tp.	Erection of School and for School Site, furniture and equipment, Tp. School Area #1	90,000.00	B-4346
(i) (d) (f) (j)	Scarborough, Tp.	Retirement of certain unmatured debentures	2,137,000.00	B-4687
(d) (j)	Scarborough, Tp.	Erection of School and purchase of furniture and equipment, Township School Area # 1	140,000.00	B-4912
	Scarborough, Tp.	Grading of Kitchener Road	1,350.00	B-4918
(d)	Scarborough, Tp.	Purposes of School Area #2	96,000.00	B-5032
	Scarborough, Tp.	Construction of Concrete Sidewalk on Frost Street	352.00	B-5102
	Scarborough, Tp.	Grading of Flerimac Road	1,773.14	B-5264

	Scarborough, Tp.	Construction of Concrete Sidewalk on McDonald Avenue	2,313.45	B-5405
	Scarborough, Tp.	Construction of Curb and Pavement on Lynndale Road	5,474.70	B-5406
	Scarborough, Tp.	Construction of certain Watermains as local improvements	22,713.51	B-5407
	Sidney, Tp.	Erection of Public School, S.S. #2	18,283.00	B-5144
(d)	Sioux Lookout, Town	Establishment of Waterworks and Sewerage Systems	100,000.00	B-5377 (a)
	Sioux Lookout, Town	Construction of local improvement sewers and Watermains	55,000.00	B-5377 (b)
	Sioux Lookout, Town	Construction of certain sewers and watermains	70,000.00	B-5377 (c)
(d) (j)	Smith, Tp.	Alterations and Repairs to School House, S.S. #2	4,000.00	B-4739
(d)	Sombra, Tp.	Construction of Burgess Drain	1,200.00	B-4735
(d)	Sombra, Tp.	Repair and improvement of McGee Drain	1,285.00	B-5036
(d)	Sombra, Tp.	Repair and improvement of Burman Drain	2,287.00	B-5452
(d)	Sombra, Tp.	Repair and improvement of Carpenter Drain	506.00	B-5708 (b)
(d)	Sombra, Tp.	Repair and improvement of Elliott Drain	695.00	B-5734 (a)
(d)	Sombra, Tp.	Repair and improvement of Arnold #2 Drain	799.00	B-5734 (b)
	South Plantagenet, Tp.	Purchase of Fire Engine and other appliances for Fire Protection, Police Village of St. Isidore	2,900.00	B-4769
	Southwold, Tp.	Construction of Lidster Drain	2,775.15	B-4659
(d)	Southwold, Tp.	Construction of Tile Drains, Branches 1, 2 and 3 of Osborne Drain	1,239.00	B-4839
(d) (j)	Board of Trustees of Tp. School rAea Unorganized Tp. of Southworth and Hartman	Erection of additional Classroom to Dinorwic School	10,000.00	B-5241
	Stamford, Tp.	Construction of Sewers and Watermains in Kitchener Street	5,892.77	B-4055 (a-b)
	Stamford, Tp.	Construction of Watermains and Sewers as local improvements	17,239.81	B-4774
	Stamford, Tp.	Construction of Concrete Sidewalks on Corwin and Orchard Avenues	1,424.80	B-5098 (a-b)
	Stamford, Tp.	Construction of local improvement Watermains and Sewers	37,148.47	B-5099
	Stamford, Tp.	Construction of local improvement Watermains and Sewers	7,867.69	B-5100
(d) (j)	Stamford, Tp.	Acquisition of site and erection of fire hall and purchase of apparatus and appliances, Fire Area #3	20,000.00	B-5164
(a)	Stamford, Tp.	Construction of Sewermains on Carroll Avenue, Elizabeth and Virginia Streets	3,997.44	B-5462
	Stamford, Tp.	Construction of Watermains on Virginia Street and Carroll Avenue	1,262.80	B-5640
(j)	Stoney Creek, Village	Construction of Storm Sewer on Randall Avenue	6,500.00	B-4861 (a)
(j)	Stoney Creek, Village	Construction of Watermain on Randall Avenue	3,200.00	B-4861 (b)
(j)	Stoney Creek, Village	Construction of Watermain Extension in Galbraith Survey	5,200.00	B-4863
(j)	Stoney Creek, Village	Construction of Watermain on Walker Avenue	1,350.00	B-5445
(i) (d) (j)	Sudbury, City	Retirement of certain callable debentures	315,000.00	B-4759
	Sudbury, City	1945 Programme of Works as local improvements	80,519.81	B-3749

	Sudbury, City	Construction of certain local improvement works	144,144.00	B-4784
	Sudbury, City	Construction of Sanitary Sewer and Watermain on Kingsmount Boulevard	4,238.20	B-5004
	Sudbury, City	Construction of Cast Iron Watermain on John Street East	4,036.24	B-5373
	Sudbury, City	Construction of Sanitary Outfall Sewer	231,575.00	B-5468
(d) (c)	Sudbury, City	Erection of Memorial Hall	30,000.00	B-5724
(a)	Sudbury, City	Construction of Watermain on Melvin Avenue	4,600.00	B-5733
(h) (a)	Swansea, Village	Resurfacing of existing pavement on Riverside Drive	10,000.00	B-3548
(d) (j)	Swansea, Village	Construction of improvements to Rennie Park	40,000.00	B-4340
(d) (j)	Swansea, Village	Improvement and development of Public School Playground	10,000.00	B-5308
	Swansea, Village	Construction of Sewer on Bloor Street	2,485.00	B-4474
	Swansea, Village	Construction of Watermain on Riverside Drive	2,500.00	B-4833
	Swansea, Village	Grading of Willard Avenue	4,000.00	B-5162
	Swansea, Village	Construction of Asphaltic Pavement on Ellis Gardens	11,000.00	B-5391
(a)	Swansea, Village	Opening and grading of Beresford Avenue	3,800.00	B-5425
	Swansea, Village	Construction of Concrete Sidewalk on Bloor Street	1,500.00	B-5613 (a)
	Swansea, Village	Construction of Concrete Sidewalk on Morningside Avenue	500.00	B-5613 (b)
	Swansea, Village	Grading of Ripley Avenue	4,970.00	B-5668 (a)
	Swansea, Village	Grading of Ormskirk Avenue	2,050.00	B-5668 (b)
	Swansea, Village	Construction of Watermain on Southport Road	1,410.00	B-5680
(a)	Swansea, Village	Construction of Watermain on Beresford Avenue	2,500.00	B-5791
(i) (f) (d) (j)	Teck, Tp.	Retirement of certain unmatured debentures	1,000,500.00	B-4644
	Teck, Tp.	Owners' portion of cost of construction of Cement Sidewalks	6,000.00	B-3978
(d)	Teck, Tp.	Enlargement of Collegiate and Technical Institute Building	240,000.00	B-5142
(f)	Teck, Tp.	Construction of certain Cement Sidewalks as local improvements	25,518.60	B-5229
	Teck, Tp.	Construction of Watermains on Tweedsmuir Road, Algonquin and Alexander Avenues and Trunk Main	38,973.72	B-5591 (a)
	Teck, Tp.	Construction of Sewers on Tweedsmuir Road, Algonquin and Alexander Avenues and Trunk Sewer	32.820.62	B-5591 (b)
(i) (d) (j)	Thorold, Town	Authority to issue debentures in the sum of	340,000.00	B-4790
	Thorold, Tp.	Construction of Watermain on Highway #3-A	7,712.70	B-4311
(d)	Thorold, Tp.	Construction of Watermain and appurtenances on Willson Road	3,500.00	B-5538 (b)
(h)	Tilbury East, Tp.	Repair and improvement of Peck Drain	1,105.25	B-1971 (c)
	Tilbury East, Tp.	Improvement of the David Drain	1,515.92	B-4694 (a)
	Tilbury East, Tp.	Improvement of the Ward Drain	1,177.00	B-4694 (b)
	Tilbury East, Tp.	Repair and improvement of the Campbell Drain	1,211.00	B-4746 (a)
	Tilbury East, Tp.	Repair and improvement of the Hill Drain	748.00	B-4746 (b)
	Tilbury East, Tp.	Repair and improvement of the Milner Drain	637.00	B-4746 (c)

	Tilbury East, Tp.	Repair and improvement of the Grant Drain	1,014.00	B-4746 (d)
	Tilbury East, Tp.	Repair and improvement of the Skipper Drain	1,656.00	B-4746 (e)
	Tilbury East, Tp.	Repair and improvement of the Kelly Drain	2,331.00	B-4746 (f)
	Tilbury East, Tp.	Repair and improvement of the Jessop Drain	739.00	B-4746 (g)
	Tilbury East, Tp.	Repair and improvement of the King and Whittle Drain	10,203.00	B-5156
(d)	Tilbury North, Tp.	Repair and improvement of the Thibert Drain	2,146.00	B-5160 (a)
(d)	Tilbury Tp.	Repair and improvement of the Keith Drain	1,175.58	B-5160 (b)
(d)	Tilbury North Tp.	Corporation's share of cost of cleaning, deepening and enlarging No. 4 Government Drain in Romney Township	1,687.00	B-5160 (a)
	Tilbury East Tp.	Repair and improvement of the Bell Drain	839.00	B-5348 (a)
	Tilbury East Tp.	Repair and improvement of the McDougall Drain	12,041.00	B-5348 (b)
	Tilbury East Tp.	Repair and improvement of the McSween Drain	859.00	B-5348 (c)
(d) (j)	Tilbury, Town	Construction of services for Veterans' Houses	20,000.00	B-5352
(d)	Tilbury, Town	Construction and installation of a coagulation basin	50,000.00	B-5705
	Tilbury, Tp.	Repair and improvement of Maynard Drain	2,448.95	B-5533 (a)
	Tilbury, Tp.	Better maintenance of Banks of Forbes Drainage System	15,215.00	B-5533 (b)
	Tilbury East, Tp.	Repair and improvement of Daughin Drainage System	13,685.00	B-5566
(k) (d)	Timmins, Town	Acquisition of certain lands for Wartime Housing Limited project	43,000.00	B-5567
(a) (f)	Timmins, Town	Construction of Sanitary Sewers on Spruce Street	1,497.37	B-5598
(d) (j)	Tiny, Tp.	Improvement and equipment of Lafontaine Continuation School	20,000.00	B-5310
(f) (d)	Tisdale, Tp.	Certain Watermains and Sewers	85,000.00	B-5260
(h)	Toronto, City	Construction of Sewer on lane first north of Riverdale Ave.	4,191.45	B-1727 (a-b)
	Toronto, City	Construction and installation of services and works for housing accommodation (on account)	649,492.00	B-4030 (b)
(k)	Toronto, City	Construction of Concrete Pavement on portion of Cleveland Street—dispensation of assent of electors	18,350.00	B-4394
(k) (h)	Toronto, City	Dispensation of assent of electors—relief sewer on portions of Dowling Avenue and King Street	34,060.00	B-4395
	Toronto, City	Construction of pavement widening on Dowling Avenue	47,761.00	B-4396
	Toronto, City	Construction of Pavements on portions of Inwood Ave. and Wiley Avenue	4,492.00	B-4446 (a-b)
(b)	Toronto, City	Construction of Pavement and Sewer on lane first south of Kingston Road and first west of Woodbine Avenue	9,533.00	B-4488
(b)	Toronto, City	Construction of Sewer on Union Street and Sewer and Pavement on Lane first east of Grace Street	36,582.00	B-4507 (1-3)
(h)	Toronto, City	Grading of Davis Crescent and construction of Sewer on Davis Cresc.	28,904.00	B-4516 (a-b)
(k)	Toronto, City	Dispensation of assent of electors—widening and improvement of portion of Beverley Street	161,003.00	B-4525

(k)	Toronto, City	Dispensation of assent of electors—building grant to New Mount Sinai Hospital	300,000.00	B-4526	
	Toronto, City	Widening of Pavements on portions of Carlaw Avenue and Jarvis St.	440,691.00	B-4527	(1-2)
(b)	Toronto, City	Construction of Pavement and Curbing on portion of Minto Street and Pavement on lane first east of Bay Street	12,134.00	B-4560	
	Toronto, City	Construction of Watermain on Davis Crescent	8,135.00	B-4561	
(a)	Toronto, City	Construction of Pavement on portion of Otter Crescent	7,864.00	B-4564	(1)
(a)	Toronto, City	Construction of Watermain on portion of Montcrest Boulevard	2,544.00	B-4564	(2)
(b)	Toronto, City	Construction of Sewer and Pavement on lane first north of Danforth Avenue and lane first east of Bathurst Street	20,048.00	B-4582	(1-4)
(k)	Toronto, City	Dispensation of assent of electors—improvement of intersection of Bloor Street and Lansdowne Avenue	24,100.00	B-4621	
	Toronto, City	Construction of Sewer on portion of Guest Avenue	1,470.00	B-4650	
(k)	Toronto, City	Dispensation of assent of electors—various purposes aggregating	2,409,540.00	B-4653	(1-7)
	Toronto, City	Construction of 1946 road construction by Toronto and York Roads Commission	132,291.00	B-4654	
	Toronto, City	Construction of Pavement and curbings on Marjory Avenue	8,528.00	B-4677	
(b)	Toronto, City	Construction of Sewer and Pavement on lane first north of Shannon St.	10,089.00	B-4716	(1-2)
	Toronto, City	Widening of Pavements on portions of Eastern Avenue, River Street, Wellesley Street and Logan Avenue	296,816.00	B-4731	(1-4)
(k)	Toronto, City	Debentures to provide various sums aggregating	955,663.00	B-4757	(1-7)
	Toronto, City	Construction of Sidewalk on Glebeholme Boulevard	1,230.00	B-4814	
	Toronto, City	Construction of Sidewalk on King Street	1,664.00	B-4815	
	Toronto, City	Construction of Sidewalks on Harbord Street and Southwood Drive	4,811.00	B-4826	
(b)	Toronto, City	Construction of Concrete Pavement on lane first north of Royce Ave.	21,557.00	B-4841	(1-6)
(k)	Toronto, City	Providing various sums for various purposes aggregating	82,885.00	B-4870	
	Toronto, City	Construction of Sidewalk on Mt. Pleasant Road	1,157.00	B-4890	
(k)	Toronto, City	Clifton Road Extension	3,200,922.00	B-5000	
	Toronto, City	Construction of pavement on Small Street and Watermain on Church St.	14,012.00	B-5001	(1-2)
	Toronto, City	Construction of Concrete Sidewalk on Lee Avenue	4,224.00	B-5002	
	Toronto, City	Construction of Watermain on Geary Avenue	1,830.00	B-5003	
(a) (b)	Toronto, City	Construction of pavement and sewer on lanes first east of Pape Avenue, first north of Austin Avenue, first west of Marjory Avenue and first south of Gerrard Street	11,240.00	B-5023	
(b)	Toronto, City	Construction of concrete pavement on Pendrith Lane	3,301.00	B-5070	
	Toronto, City	Construction of Watermain on Lawrence Avenue West	3,154.61	B-5077	

	Toronto, City	Resurfacing of pavement on Eastern Avenue	158,544.00	B-5150	
	Toronto, City	Construction of pavement on Dawes Road and sidewalks on Ashbridge Ave.	15,037.00	B-5151	
(k)	Toronto, City	Construction of New City Hall Elevator	30,000.00	B-5246	
(k)	Toronto, City	Diversion of Dundas Street West northerly and northwesterly from Casimir Street	255,234.00	B-5247	
	Toronto, City	Construction of Pavement on Bonnycastle Street and Sidewalks on Leslie and Fleet Street	18,018.00	B-5271	
	Toronto, City	Construction of Pavements and Curbings on Glen Echo Road	25,136.00	B-5272	
	Toronto, City	Construction of Watermain on Poplar Plains Road	979,282.00	B-5274	
	Toronto, City	Construction of Sidewalks on Cleveland Street, Old Orchard Grove, Pears, Willow, Blythwood and Dorval Roads	6,538.00	B-5329	
	Toronto, City	Construction of Pavement on Birchview Crescent	19,766.00	B-5376	
(k)	Toronto, City	Provision for various sums for various purposes aggregating	1,210,640.00	B-5387	(a-b)
	Toronto, City	Resurfacing of Pavement on Coxwell Avenue	22,902.00	B-5399	
	Toronto, City	Extension of Bridgman Avenue	43,000.00	B-5460	
	Toronto, City	Construction of Concrete Pavement on Sparkhall Avenue	12,622.00	B-5548	
(b)	Toronto, City	Construction of Pavements and Sewers on Lanes first west of Dufferin Street, east of Emerson Avenue, north of Millicent Street and north of Dundas Street	32,862.00	B-5604	
	Toronto, City	Construction of Sidewalks, Pavements, Sewers and Watermain on Glen Stewart Crescent, Joan Avenue, Leonard Circle and Long Crescent	152,078.35	B-5647	
(b)	Toronto, City	Construction of Sidewalk, Curbings, Pavements and Sewers, Carus Avenue, &c.	37,377.00	B-5652	
	Toronto, City	Resurfacing of brick pavement on Merton Street	24,887.00	B-5719	
	Toronto, City	Construction of Concrete Sidewalk on Ronan Avenue	597.00	B-5720	
	Toronto, City	Construction of Pavements on St. Clarens and Lancaster Avenues	6,033.00	B-5745	
	Toronto, City	Construction of Concrete Sidewalk on Davenport Road	3,021.00	B-5824	
	Toronto, Tp.	Construction of certain Local Improvement Watermains	43,338.40	B-3157	
(h) (d)	Toronto, Tp.	Erection of addition to Cooksville Public School, S.S. #2	13,000.00	B-3392	
	Toronto, Tp.	Construction of Watermain in Goldthorpe Road	4,415.00	B-4806	(a)
	Toronto, Tp.	Construction of Watermain in Milton Avenue	2,800.00	B-4806	(b)
	Toronto, Tp.	Construction of certain local improvement Watermains	42,783.50	B-4806	(c)
(d)(e)(j)(k)	Trenton, Town	Construction of repairs to certain streets	100,000.00	B-4361	
	Tweed, Village	Construction of addition to High School	7,000.00	B-5071	
(h-1)(f)(d)	Vankleek Hill, Town	Capital Expenditure for construction of Drainage System, on Main Street	8,000.00	B-4846	
(d) (j)	Vankleek Hill, Town	Repairs and improvements to Public School	18,000.00	B-4945	

(f)	Vaughan, Tp.	Grading and gravelling road on May Avenue and Pemberton Crescent South, Pemberton Road and Walmer Road	12,000.00	B-5394	(a-b)
(d) (j)	Wallaceburg, Town	Additional cost of Waterworks Extension	35,000.00	B-4406	(a)
	Wallaceburg, Town	Construction of Storm Sewer System	67,000.00	B-5648	
(d)	Waterloo, Town	Installation of Flood Lights and erection of Bleachers in Athletic Grounds in Waterloo Public Park	18,000.00	B-4808	
(d)	Waterloo, Town	Construction of local improvement Sidewalks, Grading and Gravelling	9,581.00	B-4993	
(d)	Waterloo, Town	Construction of local improvement Waterworks and Sewers	5,355.00	B-5140	(1-3)
	Waterloo, Town	Construction of local improvement Sidewalks and Sewers	8,220.00	B-5875	(a-e)
(a) (h) (d) (j)	Welland, City	Construction of local improvement Storm Sewers	31,000.00	B-1425	
	Welland, City	Construction of Pavements on Patterson Avenue	24,954.00	B-5769	
	Welland, City	Construction of Concrete Pavement and Gutter on State Street	20,955.00	B-5854	
(d)	Wellesley, Tp.	Cleaning and improving the Campbell Drain	7,150.55	B-4919	
	Westminster, Tp.	Construction of Combined Sewer on Springbank Drive	3,000.00	B-4567	(a)
	Westminster, Tp.	Construction of Watermain on Elworth Avenue	1,235.00	B-4567	(b)
	Westminster, Tp.	Construction of certain local improvements	6,750.00	B-5250	(a-c)
	Westminster, Tp.	Construction of Sidewalks, Curbs and Gutters on Iroquois Avenue	8,040.00	B-5447	
	Westminster, Tp.	Construction of Sanitary Sewer on Cathcart Street	2,035.00	B-5802	
(i) (d) (j)	Weston, Town	Retirement of certain callable debentures in the sum of	225,000.00	B-5345	
(a)	Weston, Town	Construction of certain local improvement works	75,540.00	B-5400	
(d)	Weston, Town	Construction of Storm Sewers on Jane, Helen and Denison Road	38,525.00	B-5400	(k-l-m)
	West Oxford, Tp.	Construction of the Brink Drain	1,138.75	B-5076	
(d) (f) (j)	Wheatiey, Village	Construction of Filtration Plant and extension of Watermains	90,000.00	B-4834	
	Wheatley, Village	Construction of Drainage work	2,173.00	B-5832	
(d) (j)	Whitby, Town	Extensions and improvements to Waterworks System	60,000.00	B-5201	
(f) (d)	Whitby, Town	Construction of new Public School—Site, Architects fees, Plant, &c.	11,000.00	B-5254	
(d)	Whitchurch, Tp.	Purchase of site and erection of School Buildings, S.S. #6	7,500.00	B-4370	
(d) (j)	Whitney, Tp.	Construction of Watermain System	81,000.00	B-4939	
(d)	Wiarton, Town	Purchase of Road Making Machinery	4,000.00	B-5360	
	Widdifield, Municipality	Construction of New School	15,000.00	B-5208	
(i) (d) (f) (j)	Windsor, City	Retirement of certain unmatured debentures	6,500,000.00	B-5127	
(d) (j)	Windsor, City	Grant to East Windsor Hospital	70,000.00	B-5248	
	Woodstock, City	Construction of Sanitary Sewer on Arthur Street	1,035.00	B-4468	
	Woodstock, City	Construction of local improvement sidewalks and sewers	2,444.50	B-5027	
	Woodstock, City	Repairing and resurfacing of certain streets	22,000.00	B-5306	(a)

	Woodstock, City	Construction of Sanitary Sewer, Alexander and Grosvenor Streets	20,000.00	B-5306 (b)
(a)	Woodstock, City	Construction of local improvement Sewers and Sidewalks	3,002.00	B-5355 (a-b-c)
	Yarmouth, Tp.	Construction of Underhill Drain	2,287.00	B-4615
	Yarmouth, Tp.	Construction of Watermains, Mary Street, Forest and Fairview Avenues and King's Highway	22,270.00	B-5094 (a-d)
	Yarmouth, Tp.	Construction of Watermain and Service Pipes on Talequah Street	870.00	B-5309
(a) (f)	York, Tp.	Construction of Concrete Curb and Gutter, Everdon Road	2,027.00	B-3549 (a)
(a) (f)	York, Tp.	Construction of Curb and Gutter on Claxton Boulevard	2,102.00	B-3549 (b)
(d) (f)	York, Tp.	Construction of addition to Vaughan Road Collegiate and improvements	175,000.00	B-4701
(a) (f)	York, Tp.	Construction of certain local improvement works	94,710.00	B-4864
(a) (f)	York, Tp.	Construction of certain local improvement works	44,891.00	B-4967
(a) (f)	York, Tp.	Construction of certain local improvement works	50,707.00	B-5464
(i) (d) (f) (j)	York, Tp.	Retirement of certain unmatured debentures	1,394,000.00	B-5555
(a) (f)	York, Tp.	Construction of certain local improvement works	8,250.00	B-5631 (1-4)
(d)	York, County	Construction of Bridge on Bayview Avenue	31,250.00	B-4502

VALIDATION OF DEBENTURE BY-LAWS

(Section 64 of Part IV of "The Ontario Municipal Board Act")
(Capital Expenditures approved prior to 1946)

Municipality	By-law Number	Purpose	Amount	Procedure File
Acton, Village	804	Extension of Watermains	12,500.00	B-3956 (b)
Arnprior, Town	1246	Construction of certain local improvements	1,637.00	B-4167
Aylmer, Town	1445	Purchase of Fire Truck	4,000.00	B-3503
Balfour, Tp.	336	Erection of School Building for P.S.S. #6	6,500.00	B-4920
Barton, Town	1968	For certain local improvement works and By-laws Nos. 1960 to 1967 thereby consolidated	16,033.07	B-5532
Cochrane, Town	650	Waterworks purposes	128,000.00	B-3396
Cornwall, City	51, 1946	Construction of certain local improvements	34,516.71	B-5199
Etobicoke, Tp.	6755	Construction of Islington Storm Sewers	53,776.60	B-2471
Etobicoke, Tp.	6558	As amended by By-laws Nos. 6678 and 6807—Construction of additional rooms to Etobicoke High School	165,000.00	B-2536
Etobicoke, Tp.	6607	As amended by By-law No. 6680—Addition to present Schoolhouse P.S.S. #3	93,000.00	B-3193
Fort Frances, Town	1354	As amended by By-law No. 1431—Construction of certain sidewalks	4,393.62	B-2968
Fort William, City	3954	As amended by By-law No. 4002—Purchase and reconversion of Winston Hall	80,000.00	B-4094
Fort William, City	3980	And By-laws Nos. 3976, 3977, 3978 and 3979 thereby consolidated—Construction of certain local improvement works	114,919.30	B-4895
Gosfield South, Tp.	155	Repair and improvement of Upcott Drain	2,595.00	B-3538
Board of Trustees of Roman Catholic Separate Schools for Town of Harrow	2	For School Purposes	53,000.00	B-5290
Hullett, Tp.	46-17	Repair of the Wilson, Medd, Wagner, Flynn, Kennedy and Pollard Drains and By-laws thereby consolidated	11,085.00	B-5682
Kingston, City	263	As amended by By-laws Nos. 284 and 433—Construction of Storm Sewer on Union St. to an outfall into Lake Ontario	43,000.00	B-1779
Kingston, City	292	As amended by By-law No. 433—Construction of Sanitary Sewer at foot of North Street	9,000.00	B-2279
Kingston, City	339	Amended by By-laws Nos. 341 and 433—Resurfacing Montreal Street	10,000.00	B-2703
Kingston, City	432	Consolidating the sums authorized to be borrowed by certain local improvement By-laws into one ten-year Serial issue of	83,400.00	B-4581

Board of Trustees of Roman Catholic Separate Schools for Town of Kingsville	2	For School purposes	53,000.00	B-5433	
Kitchener, City	2971	Construction of certain local improvements	51,305.65	B-4943	
Kitchener, City	2932	Conversion of Street Railway System to Electric Trackless Trolley Coach Operation	250,000 00	B-4023	
Leaside, Town	902	Construction of Sewer in Park—Eglington Avenue—as amended by By-law 1,000	16,000.00	B-3341	
Leaside, Town	994	Construction of certain local improvements	19,581.38	B-5286	(a)
Leaside, Town	995	Construction of certain local improvements	25,346.78	B-5286	(b)
Leaside, Town	996	Construction of certain local improvements	279,111.07	B-5286	(c)
Leaside, Town	997	Construction of certain local improvements	60,584.88	B-5286	(d)
Leaside, Town	998	Construction of certain local improvements	64,183.52	B-5286	(e)
London, Tp.	1241, 1318 & 1329	Construction of Broughdale Drain Number 2	5,765.59	B-1794	
London, Tp.	1330	Construction of Oxford Park Drain No. 1	4,582.90	B-3476	
McCrosson & Tovell Tps.	169	Construction of new class-room and repairing of old School, S.S. #1 and #2, McCrosson	2,000.00	B-3924	
Mersea, Tp.	1248	Construction of Pumphouse and installation of new equipment	30,425.00	B-3974	
Nelson, Tp.	1158	Erection and equipping of Public School on Glenwood Avenue	145,000.00	B-4812	
Nepean, Tp.	1451	Sewer and Watermain purposes	17,425 00	B-2700 B-2701	
North Monaghan Tp.	1299	Construction of Sewer on Brioux Avenue	2,012.63	B-2819	
North Monaghan, Tp.	1298	Construction of School House	38,000.00	B-3594	
North Walsingham, Tp.	496	Purchase of site and construction of Public School, as amended by By-law 502	150,000.00	B-4168	
North York, Tp.	4769	Various local improvements	124,358.92	B-4936	
Orillia, Town	1853	Construction of local improvements	39,400.00	B-4708	
Ottawa, City	9495	9530, 9544, 9545, 9549, 9594, 9595 and 9596 providing for a debenture issue totalling	474,200.00	B-5818	(a-h)
Peterborough, City	4500	Construction of Sewer on Wolseley Street and Curtis Road	5,249.82	B-2341 B-3248	
Port Arthur, City	2696	and By-laws 2686, 2687, 2688, 2689, 2690 and 2691 thereby consolidated—construction of certain local improvements	79,255.17	B-5683	
Port Arthur, City	2697	and By-laws Nos. 2692, 2693, 2694 and 2695 thereby consolidated for certain local improvement works	13,906.34	B-5684	
Port Arthur, City	2698	Construction of House Sewer Connections 1945	16,885.00	B-5685	
Port Credit, Village	536	For local improvements and general purposes	50,323.80	B-4613	

Improvement District of Red Rock	6	Public School purposes	200,000.00	B-4123
St. Catharines, City	5108	Construction of certain local improvements	31,933.84	B-5725
St. Clair Beach, Village	231	As amended by By-law No. 242, for certain local improvements	14,211.89	B-4661
Board of Trustees of Roman Catholic Separate School, S.S. #9, Township of Sarnia	4	For School purposes	50,000.00	B-4109
Sarla, City	2617	Construction of certain concrete Curbs and Gutters	23,694.37	B-4747
Board of Trustees of Roman Catholic Separate Schools for City of Sarnia	7	For School purposes	42,000.00	B-5755
Scarborough, Tp.	3433	Erection of School and purchase of furniture and equipment	75,000.00	B-3553
Southampton, Town	972	Extension of High Street and hard-surfacing of it and other Streets	3,600.00	B-4269
South Dorchester, Tp.	441	Purchase of Teacher's Residence in U.S.S. #11	3,200.00	B-4152
Swansea, Village	1031	Construction of certain local improvements	69,187.23	B-4832
Board of Trustees of Roman Catholic Separate Schools for Town of Tilbury	5	For School purposes	120,000.00	B-5168
Trafalgar, Tp.	572	Owners' share of cost of construction of Watermain on Eighth Line	23,729.88	B-2980
Vankleek Hill, Town	308	Construction of Drainage System on Main Street	8,000.00	B-4846
Waterloo, Town	1398	Erection and equipment of Civic Auditorium	50,000.00	B-4128
Yarmouth, Tp.	1362	Purchase of Site and construction of Public School, S.S. #19	28,000.00	B-4947

ANNEXATIONS

Municipality		Procedure File
(Section 17 of "The Municipal Act")		
Atwood, Municipality of	Annexation of School Section No. 1 in the Unorganized Township of Spohn	B-4838
Calvert, Township	Annexation thereto of the Unorganized Townships of McCart, Dundonald, Clergue, Teafy, Walker, Rickard and Wilkie	B-4247
Glackmeyer, Township	Annexation to the Township of Glackmeyer of that part of the Township of Blount west of the Abitibi River, that part of the Township of Leitch east of the Frederick House River, and that part of the Township of Clute east of the Frederick House River	B-5138
(Section 20 of "The Municipal Act")		
Cornwall, City	Annexation to the City of Cornwall of certain lands of Canadian Cottons Limited lying in the the Township of Cornwall	B-4549
Leamington, Town	Annexation to the Town of Leamington of (a) part of Lot 5, Concession II of the Township of Mersea; (b) part of road allowance between Concessions I and II and part of Lot 6, Concession I, Township of Mersea comprising part of right-of-way of New York Central Railway Company; (c) part of Lot 6 in First or Broken Front Concession, Township of Mersea comprising Seacliff Park; (d) part of Registered Plan 1453 and part of Farm Lot 4 south of the Talbot Road, Concession II, Township of Mersea	B-4484
Ottawa, City	Annexation to City of Ottawa of a certain part of the Township of Nepean	B-4854
Wallaceburg, Town	Annexation of the Town of Wallaceburg of part of the Township of Chatham	B-4740
(Section 23 of "The Municipal Act")		
Chatham, City	Annexation to the City of Chatham of part of Lot 21 in the First Concession of the township of Raleigh and part of Lot 22 in the Front Concession of the Township of Raleigh	B-5669
Kingston, City	Annexation to the City of Kingston of parts of the Township of Kingston in the Village of Portsmouth	B-4816
Peterborough, City	Annexation to the City of Peterborough of part of the Township of North Monaghan in the County of Peterborough	B-2423
Peterborough, City	Anneation to the City of Peterborough of part of the Township of North Monaghan in the County of Peterborough	B-4942
Point Edward, Village	Annexation to the Village of Point Edward of a parcel of land part of the Township of Sarnia	B-4402

APPROVAL OF BY-LAW

"The Municipal Act" (Section 407, subsection (2))

Brockville, Town	Construction of Sewer in Fort, King, Pearl and Bennett Streets and North Augusta Road, By-law No. C. 267, $25,000.00	B-3882
Capreol, Town	By-law Number 360 for construction of complete additional Water Well for Water supply, $9,000.00	B-3495
Forest Hill, Village	By-law No. 1838 for construction of Storm and Sanitary Sewers adjacent to Belt Line Railway, $450,000	B-3838

Leaside, Town	By-law No. 994 for construction of Pumping Station on Commercial Street including 8″ Force Main, $10,000.00	B-589
Wallaceburg, Town	By-law No. 1563 for Extensions to Waterworks System—$35,000.00	B-4406 (a)

ARBITRATIONS

"The Highways Improvement Act" (R.S.O. 1937, Chapter 56 and Amending Acts)

"The Public Works Act" (R.S.O. 1937, Chapter 54 and Amending Acts)

David Gordon Bawtinheimer and Department of Highways	Claim for compensation for damages arising out of the expropriation by the Department of Highways of the Province of Ontario of Lots 9, 10, 11 and 26 and parts of Lots 12, 13, 14, 23, 24 and 25, Registered Plan No. 14, and Lots 135 and 136 and the lane to the north-east thereof, Registered Plan No. 29-T, City of Niagara Falls, County of Welland	B-835& B-4916

Section 22 of "The Power Commission Act"

Village of Swansea and The Hydro-Electric Power Commission of Ontario	Claim for Compensation for damages arising out of the expropriation by the Hydro-Electric Power Commission of Ontario of Lots 266 and 288, Plan 2226, Village of Swansea	B-4494

AREA

("The Municipal Act" (Section 23 (a)) (as enacted by O.S. 1946, Chapter 60, Section 4)

Crowland, Township	Creation of Fire, Police, Street Lighting and Garbage Area, and dissolution of existing areas	B-5288
York, Township	Dissolution of Consolidated Sewer Area	B-5559

ASSESSMENT APPEALS

W. C. Routley and Routley's Limited and City of Toronto	B-4375
W. Goldie Scoon and City of Toronto	B-4817
City of Toronto and McColl-Frontenac Oil Company Ltd.	B-3953
West Williams Rural Telephone Association Limited and the Township of Adelaide	B-4145

ASSESSMENTS—FIXED

(Section 405 of "The Municipal Act" as re-enacted by O.S. 1941 C. 35, S. 12)

Municipality	**By-law No.**		**Procedure File**
Cornwall, Township	1529	Courtaulds (Canada) Limited	B-4871
Meaford, Town		Bovell Brothers Limited	B-4550
Meaford, Town		George C. E. Grant and Sons	B-4551
Meaford, Town		Cliff Richardson Boat Works	B-4552
Morrisburg, Village		Pyramid Paper Products Limited	B-4587

BY-LAWS

(Approved under Section 59 (c) of "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60))

Municipality	**By-law Number**	**Purpose**	**Procedure File**
Fort William, City	3986	Setting aside of certain lands for School sites, Playgrounds, Park Areas and for erection of Public Buildings	B-4904
Gananoque, Town	1122	Purchase of site for High School	B-5586
United Townships of Rolph, Buchanan and Wylie	27	Approving agreements whereby Defence Industries Limited agree to reconstruct certain public roads leading to the Petawawa Plant	B-4629

CHANGE IN RATE OF INTEREST ON DEBENTURE

(Section 310 of "The Municipal Act" (as re-enacted by O.S. 1938, C. 32, s. 6))

Municipality	By-law Number	Purpose	Amount	Procedure File
Etobicoke, Township	6807	Amending By-law 6558 as amended by By-law 6678, for erection of additional rooms to High School—decrease of interest from 3% to 2½% for first 8 years and 3% for last 7 years	$180,000.00	B-2536
Fort William, City	4002	Amending By-law 3954, purchase and reconversion of Winston Hall—decrease of interest from 3% to 2½%	80,000.00	B-4094
Kingston, City	433	Amending By-law 339 as amended by By-law 341, for resurfacing of Montreal Street—decrease of interest from 3% to 2%	13,500.00	B-2703
Pelee, Township	588	Amending By-law 578, for repair of the Curry Marsh Drainage System—decrease of interest from 4% to 3¼%	18,500.00	B-4178
Tilbury, Town	116	Amending By-laws 105 and 106—decrease of interest from 3% to 2½%—Construction of Sidewalks, Roadways, Highways, Storm Sewers and Services for Veterans' Houses	70,000.00	B-5332 B-5705

DETACHMENT OF FARM LANDS FROM TOWN OR VILLAGE

(Section 21 of "The Municipal Act")

Municipality		Procedure File
Cayuga, Village	Application of Leander P. Corbett et al for the detachment of certain of their farm lands situate on the west side of the Grand River from the Village of Cayuga and annexation of same to the Township of North Cayuga	B-4327
Cache Bay, Town	Application of the Town of Cache Bay for the detachment of certain farm lands as set out in the order from the Town of Cache Bay and annexation of same to Township of Springer	B-4232

DISPENSATION WITH VOTE OF RATEPAYERS

(Section 69 of "The Ontario Municipal Board Act")

Municipality		Procedure File
Chatham, City	Dispensation of vote of ratepayers in respect to granting of fixed assessment to the International Harvester Company of Canada, Limited for a period of ten years	B-4216
Cornwall, Township	Dispensation of vote of ratepayers in respect to a proposed fixed assessment to Courtaulds (Canada) Limited for the years 1947 to 1956	B-4871

DISSOLUTION OF LOCAL BOARD

(Section 44 (e) of "The Municipal Act")

Kingsville, Town	Application of the Town of Kingsville for dissolution of the Board of Park Management of the town of Kingsville	B-4483

EXTENSION OF TIME TO PASS BY-LAW

(Section 297 (5) of "The Municipal Act")

Municipality	By-law Number	Purpose	Amount	Procedure File
Kingston, City		Assistance to the Ontario East Central Counties Tuberculosis Association in the erection and establishment of a Sanatorium	100,000.00	B-3313
Kingston, City		Contribution towards the establishment of a Community Centre	100,000.00	B-3340
Lakefield, Village	984	Construction of Waterworks, Sewers and Sewage Disposal Systems	304,000.00	B-5067
Lakefield, Village	984	Construction of Waterworks, Sewers and Sewage Disposal Systems	304,000.00	B-5067
Smiths Falls, Town	2292	Erection of a Memorial Community Hall	75,000.00	B-4351
Trenton, Town	236-D	Erection of a Hospital	100,000.00	B-3884

FRANCHISE

(Section 6, paragraph (c) of "The Municipal Franchise Act")

Wallaceburg, Town	Granting to Wesley Baker a Franchise permitting him to operate a bus or busses within the limits of the Municipality for a period of one year	B-4926

HIGHWAYS—CLOSING OF

(Section 79 of "The Highway Improvement Act")

Applicant		
Greeta Anderson	Approval of compensation to be paid in respect of the expropriation by the Department of Highways for the Province of Ontario of the north half of Lot 7, Concession 5, and the north quarter of Lot 7, Concession 4, Township of Waters, District of Sudbury	B-4399
Annie Levine	Approval of compensation to be paid in respect to certain lands expropriated by the Department of Highways for the Province of Ontario, being Lots 1 and 2, Broken Front Concession in the Township of East Whitby in the County of Ontario	B-4037

HIGHWAYS—NARROW

(Section 502, subsection (2) of "The Municipal Act")

Barrie, Town	Approval of By-law Number 1560 providing for the extension and opening of Drury Lane northerly to the south limit of Grove Street	B-5596
Chesley, Town	Approval of By-law Number 980 providing for the establishment of a highway through Lots 5 and 53 and part Lot 52 in the said Town at a width less than Sixty-six feet	B-4641
London, City	Approval of the establishment of a Highway over lands lying to the east of Wallace Street at a width less than sixty-six feet	B-3487
London, City	Approval of the establishment of a Highway over parts of Lots 2 and 3 on the west side of Wortley Road and that portion of Lot 2 on the west side of the Wortley Road as shown on Registered Plan 391, at a width less than sixty-six feet	B-5763
Port Arthur, City	Approval of By-law No. 2669 for the establishment of a lane and Highway over part of Lot No. 19 according to Registered Plan No. 138, at a width less than sixty-six feet	B-4966
Waterloo, Town	Approval of the extension of Bricker Avenue from a point three hundred and sixty feet westerly from the westerly limit of King Street to Clayfield Avenue at a width less than sixty-six feet	B-4714

IMPROVEMENT DISTRICTS—ERECTION OF

(Section 44 (a) of "The Municipal Act" (as enacted by O.S. 1943, Chapter 16, Section 1, and subsection (3) of Section 44 (a), as enacted by O.S. 1944, Chapter 39, Section 5).

Municipality		Procedure File
McGarry, Township	Application of L. T. Postle, et al. for the erection into an Improvement District of the area comprising the Township of McGarry and the easterly one mile of the Township of McVittie to be known as the "Improvement District of McGarry"	B-4231

Nipigon, Township	Application by the Township of Nipigon and the Improvement District of Red Rock for the adjustment of assets and liabilities as between the said Corporation and the said Improvement District	B-3435
Pic, Township	Application of the inhabitants of the locality comprising parts of the Townships of Pic and 76 and Township 77 in the District of Thunder Bay for an order erecting as an Improvement District the inhabitants of the said locality	B-4986

INCREASED BORROWING BY MUNICIPAL COUNCILS

(Section 339, subsection (2) of "The Municipal Act")

Stephen, Township	Application for authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year	B-5280

LEGISLATION SPECIAL

Municipality		Procedure File
Forest Hill, Village	Application pursuant to "The Village of Forest Hill Act". 1934, Section 3, as amended by "The Village of Forest Hill Act" 1946, Section 4, for the expropriation of certain lands	B-4800
London, Ciy	Approval of By-law Number A1985-304 pursuant to "The Ontario Municipal Board Act"	B-5412
North York Tp.	Approval of By-law Number 4490 amalgamating all water areas within the Township pursuant to "The Township of North York Act", Chapter 89, O.S. 25 George V, 1935	B-4278
North York, Tp.	Application of the District Board of the Board of Trustees of the Roman Catholic Separate School for School Section 4 for approval to its exempting from the operation of "The Toronto and Suburban Separate School Board Act 1941" of part of the District for the period of five years	B-5806
Oshawa, City	Approval of By-law increasing the frontage rate upon lands abutting on any sewer to be constructed by an annual rate of 16½c per foot frontage pursuant to Section 3 of "The City of Oshawa Act, 1925"	B-4302
St. Catharines, City	Application by the Board of Park Management for approval of agreement amending agreement authorized by By-law 4424 pursuant to "The City of St. Catharines Act 1938"	B-4978
Toronto, City	Approval of By-law 16452 authorizing sale of certain University Avenue lands pursuant to Section 2 (5) of "The University Avenue Extension Act, 1928"	B-4424
Toronto, City	Approval of By-law 16489 authorizing the sale of certain University Avenue lands pursuant to Section 2 (5) of "The University Avenue Extension Act 1928"	B-4595
Toronto, City	Approval of By-law 16540 authorizing the sale of certain lands at the north-east corner of University Avenue and Front Street, pursuant to Section 2 (5) of "The University Avenue Extension Act, 1928"	B-4750

Toronto, City	Approval of By-law 16529 authorizing the sale of certain lands fronting on the east side of University Avenue south of Richmond Street, pursuant to Section 2 (5) of "The University Avenue Extension Act, 1928"	B-4781
Toronto, City	Approval of By-law 16382 authorizing the sale of certain lands fronting on the west side of University Avenue north of Wellington Street, pursuant to Section 2 (5) of "The University Avenue Extension Act, 1928"	B-4968
Toronto, City	Approval of By-law 16604 authorizing the sale of certain lands at the south-east corner of Queen Street and University Avenue, pursuant to Section 2 (5) of "The University Avenue Extension Act, 1928"	B-5143
Toronto, City	Approval of By-law 16684 authorizing the sale of certain lands at the south-east corner of Adelaide Street West and University Avenue pursuant to Section 2 (5) of "The University Avenue Extension Act, 1928"	B-5603
York, County	Approval of By-law 2236 amending By-law 1816 providing for administration of its affairs by a Committee of the council to be known as the Warden and Commissioners of the County of York, pursuant to subsection (2) of Section 4 of "The County of York Act, 1935"	B-5847
York, Township	Approval of By-law 12753 amending By-law 11169 providing that where a member of Council is appointed to act as a member of the Local Board of Health in the place of the Reeve he be paid the same remuneration and travelling expenses	B-4574

LICENSE FEE

(Section 420 (II) of "The Municipal Act" (as amended by Chapter 35, Section 15, subs. (2), O.S. 1941))

Collingwood, Town	Annual bicycle license fee 50¢	B-4638
Dundas, Town	Annual bicycle license fee 50¢	B-4614
Port Stanley, Village	Annual bicycle license fee 35¢	B-4542
Preston, Town	Annual bicycle license fee 50¢	B-738
Weston, Town	Annual bicycle license fee 50¢	B-5069

LOCAL IMPROVEMENTS—PART ONLY OF WORK

(Section 18 of "The Local Improvement Act")

Municipality		Procedure File
St. Catharines, City	By-law 5089—amendment to Local Improvement By-laws Numbers 4961 and 5001	B-3475 and B-3769

LOCAL IMPROVEMENTS—APPORTIONMENT OF COST OF

(Subsection 3 of Section 27 of "The Local Improvement Act")

Fort William, City	Approval of By-law Number 3815 providing for the cost of future permanent paving of City Streets	B-842
Ottawa, City	Approval of By-law Number 9629 assuming part of the owner's portion of cost of certain local improvement works	B-4981

Ottawa, City	Approval of By-law Number 9652 apportioning the cost of pavements on Murray Street, etc.	B-5210(a)
Ottawa, City	Approval of By-law Number 9653 apportioning the cost of concrete sidewalks on Blackburn Avenue, etc.	B-5210(b)
Ottawa, City	Approval of By-law Number 9667 apportioning the cost of certain local improvement sidewalks	B-5359
Ottawa, City	Approval of By-law Number 9713 apportioning the cost of certain local improvement sidewalks	B-5679
Toronto, City	Approval of By-law Number 16470 authorizing the construction of concrete pavement on lane first west of Symington Avenue between Royce Avenue and 270′ north	B-3464(c)

"THE PLANNING AND DEVELOPMENT ACT"

Owner	Description	Procedure File
Glen Stewart Properties Limited and Amedeo Longo	Parts of Block Z and parts of Block Y, Plan M-315, Office of Land Titles, Toronto	B-4220

"THE RAILWAY ACT"

Fort William, City	Approval under "The Ontario Municipal Board Act" and "The Railway Act" of discontinuance of its Street Railway Service in the Township of Neebing	8512

RESTRICTED AREAS—ESTABLISHMENT OF

(Section 406 of "The Municipal Act" as re-enacted by O.S. 1941, Chapter 35, Section 13).

Municipality	By-law Number	Area Restricted	Procedure File
Burlington Beach Commission	150	North and south sides of South Park Avenue	B-5398
Chatham, City	3098	Any of the lands abutting on Queen Street within certain area	B-4848
Colchester South, Township	569	Regulating the use of land and character, location and use of buildings	B-5587
Flamboro East, Township	1026	Regulating the use of land and character, location and use of buildings	B-4996
Gwillimbury East, Township	398	Part of Lot 116, Concession 1, West of Yonge Street	B-4536
Etobicoke, Township	6760	Restricting the use of land and erection and use of buildings	
Etobicoke, Township	6891	Prohibiting the use of lands or buildings fronting on certain portions of Bloor, Dundas and Queen Streets	B-5575
Forest Hill, Village	1833	Lot 2, Plan 1044	B-5050
Fort William, City	4003	Lot 350, Victoria Centre, Plan M. 47	B-5072
Grantham, Township	846	That part of the Township of Grantham adjoining the Hartzell Road	B-4558
Grantham, Township	864	Both sides of Pelham Road from the southerly limits to Louth Street	B-5217
Guelph, City	3026	Wyndham Street and St. George's Square	B-4492
London, Township	1339	North half of Lot No. 17, Concession IV	B-4562 (a)
London, Township	1336	That portion lying between the north Branch of the River Thames and the Fifth Concession	B-4631
London, Township	1345	Parts of Lots 17 18 19 and 20 in the 2nd Concession; 16, 19 and 20 in the 3rd Concession; 17 and 18 in the 4th Concession and all of Lots 17 and 18 in the 3rd Concession	B-4975
London, Township	1362	Lots 5, 6, 7 and 8, Concession A and Lots 5, 6, 7 and 8, Concession B Registered Plans 285 and 505	B-5659

London, Township	1370	Parts of Lots 16 and 17 in the 6th Concession, and 16 and 17 in the 7th Concession	B-5660
Long Branch, Village	866	Plan 2180 and Portion of Lot 10 in the Broken Front on West Side of Thirty-seventh Street lying south of line drawn 120′ southerly from and parallel to the south limit of Lake Shore Road	B 5427
Markham, Village	684	Certain parts of Church Street	B-5485 (a)
Markham, Village	686	Prohibiting the dumping of refuse in certain areas	B-5485 (b)
North Grimsby, Township	518	Within the limits of the Township of North Grimsby	B-4039
North Gwillimbury, Township	1077	Portion of the Township of North Gwillimbury	B-4545
North Gwillimbury, Township	1093	Portion of the Township of North Gwillimbury	B-5681
North York, Township	4052	Area known as Armour Heights	B-3545
North York, Township	4853	Certain areas lying east of Bathurst Street from the Village of of Forest Hill to the south limit of Township Lot 5, Concession 3, West of Yonge Street	B-5125
North York, Township	4804	Lot 14, Concession 2, east of Yonge Street	B-5165
North York, Township	4869	Parts of Township Lots 11 and 12, Concession 2 west of Yonge Street	B-5166
North York, Township	4928	Parts of Township Lots 6 and 7, Concession 3 west of Yonge Street	B-5510
North York, Township	4971	Part of Township Lot 17, Concession 4, east of Yonge Street	B-5511
North York, Township	4981	All of Plan 3336	B-5515
North York, Township	5048	Part of Lot 10, Concession 3, west of Yonge Street	B-5788
Nottawasaga, Township	865	Certain part of Lot 34, 1st Concession, being Lots 1 to 116	B-4941
Orillia, Township	1498	Regulating the use of land and character, location and use of buildings	B-5530
Rockcliffe Park, Village	46-18	Regulating the use of land and character, location and use of buildings	B-5457
St. Catharines, City	5088	Restricting the use of lands and buildings on Ambrose Street	B-5415

St. Catharines, City	5096	Chestnut Street East and part of Westchester Avenue	B-5572
Shuniah, Municipality	719	The Amethyst Harbor Subdivision being part of Lot 15, Francis' Survey, Registered Plan No. 451	B-5049
Stamford, Township	1003	Part of Lot 147, Township of Stamford	B-4901
Stamford, Township	1007	Part of Lot 60, Township of Stamford	B-5275
Sunnidale, Township	771	Lot #1, 15th Concession, being Lots 1 to 59 inclusive, Registered Plan 872 (save and except lots 1 to 14)	B-5589
Tilbury, Town	62-1944	Land in the areas or abutting on the Highways or parts of the Highway	B-3016
Toronto, City	16128	Area bounded by Parliament, River, Gerrard and Dundas Streets	B-2693
Toronto, City	16255	Area bounded by Parliament, River, Queen and Dundas Streets	B-3402
Toronto, City	16391	Area bounded by Queen Street, Northcote Avenue, Peel Avenue and Dufferin Street, Dundas Street and Dovercourt Road	B-4204
Toronto, City	16396	Area bounded on the west by the east limit of Weston Road, the north City Limits, the C.N.R. right-of-way and the rear of the lands on the north side of St. Clair Avenue	B-4205
Toronto, City	16419	Area bounded by Dundas Street, Dovercourt Road, Shaw and Queen Streets	B-4436
Toronto, City	16421	Area bounded by Dundas Street, Dovercourt Road, College Street and Roxton Road	B-4438
Toronto, City	16422	Area bounded by Dundas Street, College Street, Euclid Avenue and Grace Street	B-4439
Toronto, City	16458	Area subdivided by Plan No. 750-E, Davis Crescent	B-4447
Toronto, City	16477	Lands abutting on north side of Dundas Street West between Rusholme Road and Rusholme Drive	B-4514
Toronto, City	16520	Area abutting the east side of Roncesvalles Avenue between Queen Street West and Marion Street, and on north side of Queen Street between Roncesvalles Avenue and Triller Avenue	B-4649
Toronto, City	16521	Area bounded by Runnymede Road, the west City limit, the lane first north of Annette Street and a line parallel to St. John's Road	B-4674

Toronto, City	16550	Area bounded by St. Clair Avenue West, Spadina Road, North City Limits and Avenue Road	B-4753
Toronto, City	16545	Area comprised of the lands abutting on either side of Condor Avenue	B-4770
Toronto, City	16548	Areas bounded by Bay, Queen, Chestnut and Albert Streets and Bay, Albert and Elizabeth Streets and a line 460′ north of Albert Street	B-4827
Toronto, City	16549	Area bounded by Queen, Bay and York Streets and a line 90′ south of Queen Street	B-4828
Toronto, City	16562	Area bounded by Queen, York and Simcoe Streets and a line 80′ south of Queen Street	B-4831
Toronto, City	16602	Areas comprised of lands abutting on either side of Badgerow Avenue	B-5021
Toronto, City	16635	Area bounded by Kingston Road, Lee Avenue, Southwood Drive and the rear lots on the south side of Joan Avenue	B-5178
Toronto, City	16641	Area comprised of the lands abutting on either side of Riverdale Avenue between the rear of the properties on the east side of Pape Avenue and the east end, Egan Avenue and Poucher Street	B-5181
Toronto, City	16654	Both sides of Avenue Road, between St. Clair Avenue and Heath Street	B-5320
Toronto, City	18702	Area comprised of the lands abutting on either side of Riverdale Avenue, between Carlaw and Pape Avenues	B-5628
Toronto, Township	1360	A certain defined area	B-4843
Wallaceburg, Town	1582	A certain defined area	B-4546
Westminster, Township	1301	Police Village of Byron	B-4541
Weston, Town	1224	Portions of Macdonald Avenue, Patika Avenue, Boyd Avenue, Lippincott Street West and St. John's Road West	B-4860
York, Township	12748	Land abutting on certain defined highways and parts of highways within the Township of York	B-4534
York, Township	12747	Land abutting on certain highways or parts of highways	B-4624
York, Township	12763	Land abutting on certain portions of Weston Road	B-4625
York, Township	12768	Land abutting on certain highways or parts of highways	B-4699
York, Township	12769	Land abutting certain highways or parts of highways in Beachborough Section	B-4700
York, Township	12854	Area abutting Winona Drive from Belvidere Avenue to Eglinton Avenue	B-5089
York, Township	12856	Area abutting on certain highways or parts of highway	B-5090

RESTRICTED AREAS—REPEAL OR AMENDMENT OF

(Section 406 of "The Municipal Act" as re-enacted by Section 13,
Chapter 35, O.S. 1941)

Municipality	Amending By-law No.	Original By-law No.	Areas Affected	Procedure File
Barrie, Town	1557	1498	Lots Numbers 1, 2, 3 and 4 on the south side of Eugenla Street	B-5273
Beardmore, Improvement District	17 and 24	12	Division into Zones	B-4062
East York, Township	4181 and 4209	1243	Division of Township into industrial, business and residential areas—Plan 3253	B-4477
East York, Township	4227	1243	Division of Township into Industrial, business and residential areas	B-4767
East York, Township	4261	1243	Division of Township into industrial, business and residential areas	B-4768
East York, Township	4430	1243	Division of Township into industrial, business and residential areas	B-5482
Etobicoke, Township	6702	6639	East and West side of Prince Edward Drive	B-3830
Forest Hill, Village	1680	112	Construction of Dairy Depot on Roselawn Avenue	B-2771
Forest Hill, Village	1810	1785	Certain Streets restriction of operation of public garages	B-4209
Forest Hill, Village	1837	179	Lots 189, 190 and 191, Plan 824	B-5037
Forest Hill, Village	1836		Varying restrictions on Lots 127, 128, 129, 130 and 131, Registered Plan No. 2423, East and West Riding	B-5051
Fort Erie, Town	908 and 860	858	Repeal of By-law 858 as amended by By-law 860, area bounded by Gilmour Rd., Central Avenue, Catherine Street and Erie Street	B-400
Fort William, City	3957	3886	Amending certain provisions of the City's Zoning By-law	B-4201
Fort William, City	4019	3986	Amending certain provisions of the City's Master Plan By-law	B-4904
Fort William, City	3999	3886	Amending certain provisions of the City's Zoning By-law	B-5053
Fort William, City	4010	3886	Amending certain provisions of the City's Zoning By-law	B-5564

Gloucester, Township	4, 18, 19	13-1944	Police Village of Overbrook	B-3657
Gloucester, Township	25, 18, 19	13-1944	Police Village of Overbrook	B-5595
Grantham, Township	859	848	Lands fronting or abutting on Lake Shore Road	B-4559
Guelph, Township	770	768	Certain areas of Guelph Township	B-4724
Hamilton, City	5792	3145	Amending certain provisions respecting apartment houses	B-5235
Kitchener, City	2937		Amending Zoning Ordinance By-laws 1823, 1834 and 1835	B-4355
Kitchener, City	2968		Amending Zoning Ordinance By-laws 1823, 1834 and 1835	B-4683
Kitchener, City	2970		Amending Zoning Ordinance By-laws 1823, 1834 and 1835	B-4684
Kitchener, City	2969		Amending Zoning Ordinance By-laws 1823, 1834 and 1835	B-4685
Kitchener, City	2974		Amending Zoning Ordinance By-laws	B-4902
Kitchener, City	2975		Amending Zoning Ordinance By-laws	B-4903
Kitchener, City	2995		Amending Zoning Ordinance By-laws	B-5664
Kitchener, City	2996		Amending Zoning Ordinance By-laws	B-5665
Kitchener, City	2998		Amending Zoning Ordinance By-laws	B-5667
Leaside, Town	958	392	Permitting the use of Lots 350, 351 and 352, Registered Plan 2120, for business purposes	B-4455
Leaside, Town	963	873	Permitting erection of a building for the purpose of housing a Chartered Bank or Branch thereof on Lot 355, Reg. Plan 1925	B-4457
Leaside, Town	970	408	Permitting a bowling alley at Parkhurst Boulevard and Bayview Ave.	B-4657
Leaside, Town	978	873	Permitting erection of a building for the purpose of housing a Chartered Bank or Branch thereof on Lot 320, Reg. Plan 1925	B-4866
Leaside Town	990	408	Prohibiting the use of certain lands for a garage and motor vehicle repair shop	B-5026
Leaside, Town	992	408	Respecting a gasoline filling station	B-5124
Leaside, Town	988	896	Restricting the use of certain lands to certain types of buildings	B-5161

Leaside, Town	1017	408 305 873	Respecting certain trades and businesses and respecting gasoline filling stations and respecting building restrictions	B-5537
London, City	C.P.-24-268 C.P.-24a-296	7191	Preventing the location, erection or use of certain buildings within certain limits	B-5057
London, City	C.P.-25-297	7191	Preventing the location, erection or use of certain buildings within certain limits	B-5184
Mimico, Town	1485 1519	880	Preventing the location, erection or use of certain buildings	B-4938
Neebing, Municipality	645	629	Amending certain provisions in By-law 629	B-4726
Neebing, Municipality	650	629	Amending certain provisions in By-law 629	B-5437
North Bay, City	1456 1459	1446	Regulating the use of land and buildings in certain areas	B-4620
North Dumfries, Township	953, 918	793	Amending certain provisions in By-law 793	B-5255
North Dumfries, Township	954, 918	793	Amending certain provisions in By-law 793	B-5336
North York, Township	4685 2154, 2366 and 2950	2126	Amending certain provisions in By-law 2126	B-4642
North York, Township	4790 and 3227	2787	Amending certain provisions in By-law 2787	B-4888
North York, Township	4803 and 2992	2940	Amending certain provisions in By-law 2940	B-4976
North York, Township	5000	4804	Amending certain provisions in By-law 4804	B-5165
North York, Township	5001	4869	Amending certain provisions in By-law 4869	B-5166
North York, Township	1175 and 4972	1099	Amending certain provisions in By-law 1099	B-5455
Oshawa, City	2558, 1836 and 1906	1829	Amending certain provisions in 1829	B-5607
Ottawa, City	9591	8399	Amending certain provisions in By-law 8399	B-4688
Ottawa, City	9641	5517	Amending certain provisions in By-law 5517	B-4933

Ottawa, City	9639	6181	Amending certain provisions in By-law 6181	B-5014
Ottawa, City	9638	7641	Amending certain provisions in By-law 7641	B-5015
Ottawa, City	9709	6718	Amending certain provisions in By-law 6718	B-5671
Ottawa, City	9710	5517	Amending certain provisions in By-law 5517	B-5672
Paris, Town	1072	1071	Amending certain provisions in By-law 1071	
	1073	1072	Repealing By-law 1072 and amending By-law 1071	B-3772
Paris, Town	1092	1073 and 1071	Repealing By-law 1071 and By-law 1073	B-5197
Peterborough, City	4514	3158	Lots. Nos. 29, 28, 27 and Lot 26 save and except the south 50′ of the East half thereof, Registered Plan No. 42	B-5054
Port Arthur, City	2679	2253	Lots 2, 3, 4 and 5, Block 21, Registered Plan 121	B-5006
Port Arthur, City	2680	2253	Amending certain provisions in By-law 2253	B-5214
Port Credit, Village	530	527	Amending certain provisions in By-law 527	B-4362
Rockcliffe Park, Village	46/14	46/3	Amending certain provisions in By-law 46/3	B-4802
Rolph, Buchanan & Wylie	14	9	Amending certain provisions in By-law 9	B-3577
St. Catharines, City	5048	5023	Ontario Street from Welland Avenue to the right-of-way of the N.S. & T. Railway	B-4521
St. Catharines, City	5041 5049	4153 5041	Wiley Street	B-4569
St. Catharines, City	5056	3241	James Street	B-4795
St. Catharines, City	5061	4541	Henrietta Street and other streets	B-5013
St. Catharines, City	5081	4095	Chestnut Street	B-5265
St. Catharines, City	5111	5090	George Street and St. George Street	B-5573
St. Catharines, City	5112	5095	Buckland Street and part of Herrick Avenue	B-5606
St. Thomas, City	3655	3644	Part of the City of St. Thomas	B-5610
Sarnia, City	2752 and 2788	2714	Amending certain provisions in By-law 2714	B-4971 B-5429

Sarnia, City	2753 and 2795	2715	Amending certain provisions in By-law 2715	B-4972 B-5430
Sarnia, City	2777	2716	Amending certain provisions in By-law 2716	B-4973
Sarnia, City	2748	1754	Amending certain provisions in By-law 1754	B-5409
Sarnia, Township	29-H and 65-H	18-H	Amending certain provisions in By-law 18-H	B-3407
Sarnia, Township	54-H	27-H	Amending certain provisions in By-law 27-H	B-3757
Sarnia, Township	72-H, 29-H, 65-H	18-H	Amending certain provisions in By-law 18-H	B-5228
Sarnia, Township	18-K	89-H	Amending certain provisions in By-law 89-H	B-5588
Sarnia, Township	73-H, 54-H	27-H	Amending certain provisions in By-law 27-H	B-5592
Scarborough, Township	3388	2054	Amending certain provisions in By-law 2054	B-4682
Sudbury, City	1132, 2793	1124	Amending certain provisions in By-law 1124	B-5535
Sutton, Village	512, 515	500	Amending certain provisions in By-law 500	B-5047
Swansea, Village	1016	853	Lots 16 to 32 inclusive, Plan 2445, east side of Ripley Ave.	B-4540
Swansea, Village	1045	834	Zone 1 restrictions	B-5434
Swansea, Village	1061	834	Zone 1 restrictions	B-5710
Tillsonburg, Town	1167 and 1169	1157	Amending certain provisions in By-law 1157	B-4144
Tillsonburg, Town	1174, 1167 and 1169	1157	Amending certain provisions in By-law 1157	B-4144
Timmins, Town	892	871	Amending certain provisions in By-law 871	B-3668
Toronto, City	16347	8834	Repealing By-law 8834 as to use of buildings north side of Prince Arthur Avenue	B-3765
Toronto, City	16418	6117	Amending By-law 6117 respecting lands south side of Balmoral Avenue	B-4250
Toronto, City	16430	5564	South side of D'Arcy Street for woodworking business purposes	B-4440

Toronto, City	16431	15769	West side of Markham Street for Library purposes	B-4441
Toronto, City	16445	10529 and 15622	Preventing the extension of the existing factory at Nos. 65-67 Walker Avenue	B-4442
Toronto, City	16443	11572	South side of Lawrence Avenue East for combined physicians' residences and offices	B-4504
Toronto, City	16444	8287	West side of Main Street for tinsmith shop purposes	B-4505
Toronto, City	16479	12621	North side of St. Clair Avenue West for Physicians' offices	B-4515
Toronto, City	16487	7734	Repealing By-law 7734 in so far as it prevents extension of dairy building at 744 Mount Pleasant Road	B-4543
Toronto, City	16485	7989	Amending By-law 7989 respecting oil filling stations, north side of Lennox Street	B-4544
Toronto, City	16496	9411	Repealing By-law 9411 preventing erection and use of double duplex dwelling houses on north side of Nina Ave.	B-4593
Toronto, City	16508	12958	Repealing By-law 12958 preventing erection and use of private residences on Avenue Road	B-4639
Toronto, City	16538	5234	Repealing By-law 5234 preventing the use of land or use of buildings on lands abutting on Wabash Avenue for manufactory purposes	B-4732
Toronto, City	16534	14236	Repealing By-law 14236 preventing use of lands or buildings on south side of Brandon Ave. for Warehouse purposes	B-4733
Toronto, City	16537	12604	Repealing By-law 12604 preventing erection of two-storey detached private residences between 264 and 274 Oriole Parkway	B-4734
Toronto, City	16601	16550	By-law to correct an error in the description contined in By-law No. 16550	B-4753
Toronto, City	16557	9495	Repealing By-law 9495 preventing use of lands abutting on south side of Heath Street West for parking purposes	B-4829
Toronto, City	16558	15963	Amending By-law 15963 respecting additions to houses on west side of St. George Street for doctors' offices	B-4830
Toronto, City	16580	8885	Repealing By-law 8885 preventing the use of land and buildings on west side of Mount Pleasant Road for garage purposes	B-4858

Toronto, City	16576	16178	Amending By-law 16178 permitting extension of laundry building at rear of 61 Pendrith Street	B-4905
Toronto, City	16575	7989	Repealing By-law 7989 preventing erection or use of warehouses on north side of Asquith Avenue	B-4906
Toronto, City	16579	15622	Repealing By-law 15622 preventing use of land at rear of 21-35 Walker Ave. for warehouse purposes	B-4907
Toronto, City	16587	7658	Repealing By-law 7658 preventing use of buildings on south side of Wood Street for theatre and office building purposes	B-4953
Toronto, City	16586	9224	Amending By-law 9224 permitting the extension southerly of the office and warehouse building at 36 Caledonia Road	B-4954
Toronto, City	16495	9226	Amending By-law 9226 respecting the location, erection and use of factories and warehouses on west side of Westmoreland Avenue	B-4959
Toronto, City	16599	4378	Repealing By-law 4378 preventing use of lands and buildings, west side of Sherbourne Street for store and warehouse purposes	B-4997
Toronto, City	16600	7103	Repealing By-law 7103 preventing use of buildings east side of Brooklyn Avenue for manufacturing purposes	B-4998
Toronto, City	16603	12621	Repealing By-law 12621 preventing use of dwelling house on north side of St. Clair Ave. West as Physicians' Office	B-5022
Toronto, City	16610	5212	Repealing By-law 5212 preventing the use of buildings at rear of Brunswick Avenue for factories for processing meats	B-5056
Toronto, City	16614	8885 and 7989	Repealing By-laws 8885 and 7989 preventing the use of land and buildings on Mt. Pleasant Rd. for automobile service station purposes	B-5084
Toronto, City	16625	5564	Repealing By-law 5564 preventing the use of lands and buildings on north side of Dundas Street for factory purposes	B-5169
Toronto, City	16826	12447	Repealing By-law 12447 preventing erection of detached private residences on Whitehall Road on lands having a lesser frontage than 37′ 6″	B-5170

Toronto, City	16630	16419	Amending By-law 16419 permitting the extension of factory building at 1087 Dundas St. W. for showroom and office purposes	B-5171
Toronto, City	16631	7734	Repealing By-law 7734 preventing use of buildings on south side of Merton St. for manufacture of beauty products	B-5172
Toronto, City	16637	10613	Amending By-law 10613 so as to permit the extension of Sculpture Studio at 110 Glenrose Avenue	B-5173
Toronto, City	16638	4628, 6061 and 7658	Repealing By-laws 4628, 6061 and 7658 insofar as they prevent use of lands and buildings for the purpose of stores with apartments above on south side of Bloor Street East between Yonge and Church Streets	B-5174
Toronto, City	16639	12621	Repealing By-law 12621 preventing the use of any dwelling house on north side of St. Clair Avenue West as office and residence of medical practitioner	B-5175
Toronto, City	16629	16391	Amending By-law 16391 preventing extension of existing building at rear of 83 Gladstone Avenue for storing and ripening bananas purposes	B-5177
Toronto, City	16640	7734 and 8885	Repealing By-laws Nos. 7734 and 8885 preventing the use of land and buildings within area bounded by Yonge St., Wanless Ave., Ranleigh Ave., and line 166′ east of Yonge St., for public garage and refrigerator sales purposes	B-5180
Toronto, City	16642	12958	Repealing By-law 12958 preventing the use of land on Briar Hill Avenue, north side, for tennis court purposes	B-5182
Toronto, City	16759	16613	Amending By-law 16613 restricting to use for residential purposes only lands and buildings within area bounded by Bloor St. West, Keele St., Annette and Jane Streets	B-5316
Toronto, City	16650	8514	Repealing By-law 8514 preventing the use of lands and buildings on east side of Coxwell Avenue for public dance hall purposes	B-5317
Toronto, City	16651	4628, 6109, 7658 and 13111	Repealing By-laws Nos. 4628, 6109, 7658 and 13111 preventing the use of lands and buildings for the purpose of theatres, stores and stores with apartments above on north side of Bloor St. East	B-5318

Toronto, City	16657 and 12721	12447	Repealing By-law 12447 preventing the erection of private dwelling houses on Whitehall Road	B-5321
Toronto, City	16692	12621	Repealing By-law 12621 preventing the use of lands and buildings on south side of St. Clair Avenue West for Church purposes	B-5560
Toronto, City	16576	16178	Amending By-law 16178 so as to permit the extension of the laundry building at the rear of 61 Pendrith Avenue	B-5561
Toronto, City	16693	11986	Repealing By-law 11986 in so far as it prevents the use of existing dwelling houses on east side of Palmerston Avenue for physicians' and dentists' offices	B-5623
Toronto, City	16695	7989	Repealing By-law 7989 preventing the use of land and buildings within area bounded by Mt. Pleasant Road, Eglinton Ave. East, a line 265′ south of Eglinton Ave. East and a line 146′ east of Mt. Pleasant Road for furniture warehouse purposes	B-5624
Toronto, City	16697	11572	Repealing By-law 11572 preventing erection of private dwelling houses on Lawrence Ave. East on lands having a lesser area than 7,000 square feet	B-5628
Toronto, City	16698	12604	Repealing By-law 12604 preventing erection and use of rows of six attached private residences on north side of Oxton Avenue	B-5627
Toronto, City	16706	6061	Repealing By-law 6061 preventing use of land and buildings for repair garage and storage and sale purposes within area bounded by Yorkville Ave., the lane first west of Yonge Street, a line 109′ west of said lane, and line 167′ south of Yorkville Avenue	B-5688
Toronto, City	16707	5564	Repealing By-law 5564 preventing use of buildings at rear of dwellings on north side of D'Arcy St. for woodworking business purposes	B-5689
Toronto, City	16709	11356	Repealing By-law 11356 preventing erection of duplex dwelling houses on west side of Madison Ave.	B-5690
Toronto, City	16708	14940 and 15298	Amending By-laws 14940 and 15298 preventing the enlargement of the chicken killing establishment at 360 Spadina Ave.	B-5713

Toronto, City	16722	16128	Repealing By-law 16128 preventing the use of lands or erection of buildings on north side of Dundas Street East for Church purposes	B-5716
Weston, Town	1191	390	Amending By-law 390	B-4382
Windsor, City	615	443	Amending By-law 443 as amended by By-laws 452, 458 and 594 imposing certain building restrictions on area bounded by Seneca St., the alley east of Byng Road, the alley north of Tecumseh Road and alley west of Windermere Road	B-5496
York, Township	12755	12741	Amending By-law 12741 prohibiting the use of land and buildings for Hotel or Club for sale of liquor	B-4487
York, Township	12786 and 12832	12353	Amending By-law 12353 restricting the use of land and buildings within certain areas abutting on parts of Bathurst Street and Eglinton Avenue	B-4818
York, Township	12787	12056	Amending By-law 12056 restricting the use of land and buildings on lands abutting on certain highways in district of Baby Point to permit the erection of a dwelling on Lot 252, Plan 1582	B-4819
York, Township	12821	11924 and 11777	Amending By-laws 11924 and 11777 so as to permit the location, erection and use of motion picture theatre on lands fronting on Bloor Street	B-4937
York, Township	12857	12409 and 12648	Amending By-laws 12409 and 12648 so as to authorize the use of a certain building on east side of Granville Avenue for the purpose of a Machine Shop	B-5091
York, Township	12904	12873	Amending By-law 12873 to establish restrictions with respect to buildings to be erected abutting on certain streets in Westacres District	B-5258

SINKING FUNDS—AUTHORITY TO DISPENSE WITH FURTHER LEVY WHERE AMOUNT IN SINKING FUND SUFFICIENT

(Section 321 (b) of "The Municipal Act")

Municipality		Procedure File
Owen Sound, City	Debts created by By-laws Numbers 416, 587, 615 and 432	B-3807

SINKING FUNDS—TRANSFER OF SURPLUS

(Section 321 (a) of "The Municipal Act")

Welland, City	Transfer of $50,000.00 of Sinking Fund Surplus to the General Funds of the Municipality	B-4877
St. Catharines, City	Transfer of $3,228.14 remaining in Sinking Fund to the General Funds	B-5804
Paris, Town	Transfer of $1.000.00 of Sinking Fund Surplus to General Account of the year 1946	B-4965

SUPERVISED MUNICIPALITIES—REFUNDING PLAN

("The Department of Municipal Affairs Act")

Municipality		Procedure File
Charles Murphy and The Township of Teck and Walter's Taxi)	Leave to commence action	B-2239

TOWNSHIP—ERECTION OF

(Section 24 of "The Municipal Act" (as enacted by O.S. 1944, Chapter 39, Section 3))

Municipality		Procedure File
George Dickinson, et al	Erection into the Township of Matachewan of the Unorganized Townships of Cairo, Yarrow, Powell and Kimberley including the Unincorporated Village of Matchewan	B-4599

WARDS—EXTENSION OF

(Section 23, Subsection 5. and Section 44 as amended by O.S. 1946, Chapter 60, Section 7 of "The Municipal Act")

Municipality		Procedure File
Sarnia, City	Approval of By-law Number 2751 extending Ward Three	B-4012

ORDERS ISSUED BY THE BOARD UNDER "THE TELEPHONE ACT"

(R.S.O. 1937, Chapter 261)

Municipality		Procedure File
Aylmer and Malahide Telephone Company Ltd.	Approval of By-law No. 36	B-4612
Aylmer and Malahide Telephone Company Ltd.	Approval of an increase in the annual charges	B-4748
Mrs. George Barber, Mr. John Coulter, Mr. Peter Manzo, Mr. G. Henderson (operating under the name of the Superior Telephone Club)	Approval of sale of Superior Telephone Club to Bell Telephone Company of Canada	B-5882
Barrie-Angus Telephone Company Ltd.	Approval of telephone charges	B-5397

Bethesda & Stouffville Telephone Company, Ltd.	Authority to invest $1,000 of Depreciation Funds in Dominion of Canada bonds, and to expend $1,922.80 upon new construction, extensions and additions to system	B-5261
Blanchard, Township of—Commisioners for telephone system of	Approval of an increase in the annual charges	B-5503
Brighton, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-5553
Bruce, Township of—Commissioners for telephone system of	Order prescribing date for holding annual meeting of system	B-4537
Burpee, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-5256
Cambray Telephone Company, Limited	Approval of telephone charges	B-4557
Cameron Telephone Company, Limited	Approval of telephone charges	B-5883
Carlow, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-5432
Chapple, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4632
Chinguacousy, Township of—Commisioners for telephone system of	Approval of an increase in the annual charges	B-5579
Colborne, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4868
Colchester North, Township of—Commisioners for telephone system of	Approval of an increase in the annual charges	B-4604
Con Telephone Company, Limited	Authority to expend $1,000 of Depreciation Funds upon new construction, extensions and additions to system	B-5880
Derby Telephone Company, Limited	Approval of telephone charges	B-5137
Derue, J., (operating under the name of the Ardoch and Clarendon Telephone System)	Approval of sale of telephone system to George Weiss	B-5807
Douro, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4696
Dummer, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4837
Dunnville Consolidated Telephone Company, Limited	Authority to invest $4,000 of Depreciation Funds in Dominion of Canada bonds and to expend $890.68 upon new constructions, extensions and additions to system	B-4668

Dysart et al, United Townships of—(operating the Dysart Municipal Telephone System)	Authority to pass debenture by-law to provide $45,000 to meet the cost of reconstruction, replacements, etc., to its telephone system	B-4974
East Middlesex Telephone Company, Ltd.	Approval of telephone charges	B-5696
East Nissouri, Township	See Ingersoll Telephone Company Limited	B-5466
Euphrasia, Township of (operating the Beaver Valley Municipal Telephone System)	Approval of appointment of Commissioner	B-5463
Euphrasia, Township of—Commissioners for Telephone System of	Approval of telephone charges	B-5863
Everett Telephone Company, Limited	Approval of telephone charges	B-5833
Farmer, Wesley, J., (operating under the name of Farmer Private Telephone Line)	Approval of sale of telephone system to the Bell Telephone Compay of Canada	B-5790
Fenella Rural Telephone Company, Ltd.	Approval of telephone charges	B-4725
Flos, Township of—Commissioners for Telephone System of	Approval of an increase in the annual charges	B-5123
Goderich, Township of (operating the Goderich Township Municipal Telephone System)	Approval of appointment of Commissioner	B-5881
Haldimand, Township of (operating the Haldimand Municipal Telephone System)	Authority to invest $500 of Depreciation Funds in Dominion of Canada Victory Bonds	B-4427
Hampshire Telephone Company, Limited	Approval of By-law No. 13, and approval of sale of system to the Bell Telephone Company of Canada	B-5040
Harvey, Township of—Commissioners for Telephone System of	Approval of tolls	B-5393
Howick, Township of—Commissioners for Telephone System of	Order prescribing date for holding annual meeting of system	B-4773
Ingersoll Telephone Company, Limited	Approval of By-law No. 242 of the Township of East Nissouri	B-5466
Innerkip Rural Telephone Company, Ltd.	Approval of telephone charges	B-5277
Innerkip Rural Telephone Company, Ltd.	Approval of By-law No. 820 of the Township of South Easthope	B-5444
Jackson Telephone Company, Limited	Approval of telephone charges	B-5136
Kemble and Sarawak Telephone Company, Limited	Approval of an increase in the annual charges	B-4977

Keward Rural Telephone Company, Limited	Approval of purchase from Mrs. Annie McElheran and Mrs. H. MacKenzie of the Keward Rural Telephone Association	B-5554
Lake of Bays and Haliburton Telephone Company, Limited	Approval of By-law No. 3, and approval of sale of system to the Bell Telephone Company of Canada	B-5287
Lennox and Addington, County of	Approval of By-law No. 896	B-5865
Long Lac Telephones Limited	Approval of By-law No. 18 of the Improvement District of Red Rock	B-4880
Loring, Golden Valley and Powassan Telephones Limited	Approval of an increase in the annual charges	B-5383
Loring, Golden Valley and Powassan Telephones Limited	Approval of By-law No. 4	B-5469
Manitoulin and North Shore Telephone and Telegraph Company Limited	Approval of an increase in the annual charges	B-5291
Manvers, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4670
Martin, David, (Trustee)	Approval of By-laws Nos. 7 and 10 of the of the Township of Sullivan	B-4508
Medora and Wood, Townships of—Commissioners for telephone system of	Approval of telephone charges	B-5386
Mersea, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4605
Metcalfe Rural Telephone Company, Ltd.	Approval of an increase in the annual charges	B-4980
Mississippi Telephone Company, Ltd.	Approval of an increase in the annual charges	B-5410
Monck, Township of—Commissioners for telephone system of	Order prescribing date for holding annual meeting of system	B-5059
Monteagle and Herschel, Townships of—Commissioners for telephone system of	Order prescribing date for holding annual meeting of system	B-4583
Murray-Brighton Telephone Company	Approval of an increase in the annual charges	B-5262
Nissouri Telephone Company, Limited	Approval of By-law No. 25, and approval of sale of the system to the Ingersoll Telephone Company, Limited	B-5356
Northern Telephone Company, Limited	Authority to expend $6,242.10 in 1944 and $27,839.39 in 1945 of depreciation funds upon new construction, extensions and additions to its system	B-5282
North Monck, Township of—Commissioners for telephone system of	Approval of telephone charges	B-5836

North Norwich, Township of—Commissioners for telephone system of	Approval of By-law No. 2	B-5810
Orono Telephone Company, Limited	Approval of By-laws Nos. 1 to 44	B-4401
People's Mutual Telephone Company, Ltd.	Approval of By-law No. 3	B-4573
People's Mutual Telephone Company, Ltd.	Approval of sale of system to the Bell Telephone Company of Canada	B-4573
Perry, H. B.	See County of Lennox and Addington	B-5865
Pine Grove Telephone Association, Ltd.	Approval of By-law No. 1, and approval of sale of system to the Bell Telephone Company of Canada	B-5011
Plum Hollow and Eloida Independent Telephone Company, Limited	Approval of an increase in the annual charges	B-5775
Port Arthur, City of (operating the Port Arthur Municipal Telephone System)	Authority to expend $11,783.44 of depreciation funds upon new construction, extensions and additions to its system	B-5122
Princeton and Drumbo Telephone Company, Limited	Approval of By-law No. 910 of the Township of South Dumfries	B-5039
Princeton and Drumbo Telephone Company, Limited	Approval of charges for telephone service	B-5700
Red Rock, Improvement District	See Long Lac Telephones Ltd.	B-4880
Rockwood and Oustic Telephone Company, Limited	Authority to invest $100 of depreciation funds in Dominion of Canada Victory Bonds	B-4917
Roxborough, Township of (operating the Roxborough Municipal Telephone System)	Approval of the purchase of plant and equipment from the Bell Telephone Company of Canada	B-5632
St. Vincent, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4805
St. Vincent, Township of—Commisioners for telephone system of	Approval of By-law No. 1—1946	B-5557
Scott, Everett (operating under the name of Arden and Parham Telephone System)	Approval of the sale of a portion of the system to Daniel and Verdon Morrow	B-5544
Smith, W. G. (operating under the name of Hilton Beach Telephone Line)	Approval of sale of system to W. E. Trainor	B-5838
South Crosby Rural Telephone Company, Limited	Approval of an increase in the annual charges	B-5646

South Crosby Rural Telephone Company, Limited	Authority to invest $3,000 of depreciation funds in Dominion of Canada bonds and to expend $448.58 in 1944 and $688.35 in 1945 upon new construction, extensions and additions to its system	B-5799
South Dumfries, Township of	See Princeton and Drumbo Telephone Company Limited	B-5039
South Easthope, Township of	See Innerkip Rural Telephone Company, Limited	B-5444
Southern Ontario Telephone Company, Limited	Authority to invest $126,571.70 of depreciation funds in Dominion of Canada bonds	B-5285
Strong, Township of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4876
Sullivan, Township of	See Martin, David	B-4508
Sunny Valley Telephone Company, Limited	Approval of an increase in the annual charges	B-5744
Suroff, Estate of the Late Hyman (operating the Suroff Telephone System)	Approval of an increase in the annual charges	B-5563
Tarbutt and Tarbutt Additional, Townships of—Commissioners for telephone system of	Approval of an increase in the annual charges	B-4894
Tyendinaga, Township of—Commissioners for telephone system of	Order prescribing date for holding annual meeting of system	B-4572
Welland County Telephone Company, Ltd.	Authority to expend $11,251.86 of depreciation funds upon new construction, extensions and additions to its system	B-4862
Wellesley, Township of—Commissioners for telephone system of	Approval of charges for telephone service	B-4586
West Campbell and Mills Telephone Company, Limited	Approval of an increase in the annual charges	B-4589
Wightman Telephone System	Approval of an increase in the annual charges	B-5135
Wilmot, Township of (operating the Wilmot Municipal Telephone System)	Approval of By-law No. 872	B-5366

AGREEMENTS APPROVED BY THE BOARD UNDER SECTION 96 of "THE TELEPHONE ACT" (R.S.O. 1937, Chapter 261)

(Agreements are with The Bell Telephone Company of Canada)

SERVICE STATION AGREEMENTS

W. K. Biglow Lumber Company	B-5866
Standard Telephone Company, Limited	B-5837

TRAFFIC AGREEMENTS

Dunfield, James E.	B-4531
Long Lac Telephones Limited	B-5774
Lands and Forests of Ontario, Department of	B-5467

THE FOLLOWING GIVES A BRIEF SUMMARY OF THE EXTENSIONS AND IMPROVEMENTS MADE TO THE RAILWAYS UNDER PROVINCIAL JURISDICTION DURING THE YEAR 1946

CORNWALL STREET RAILWAY LIGHT AND POWER COMPANY, LIMITED

This Company reports an extension of 10,560 feet of Railway tracks during the year 1946; new electric line construction of 10,560 feet; additions to equipment of an electric locomotive and three Brill busses; and additions to land, machinery and tools, at a total expenditure of $123,540.57.

FORT WILLIAM ELECTRIC RAILWAY COMPANY

This Company made no extension to track during the year and also report no expenditure upon track improvements, rolling stock, buildings, etc., during this period.

HAMILTON STREET RAILWAY COMPANY

This Company made no extensions to track during the year and also report no expenditure upon track improvements, rolling stock, buildings, etc., during the year.

THE HUNTSVILLE & LAKE OF BAYS RAILWAY COMPANY

No additions to track or expenditures on improvements, etc., were reported by this Company during the year.

MATTAGAMI RAILROAD COMPANY

This Company made no extensions to track during the year but report an expenditure of $4,033.06 on addition arising from restatement of properties and equipment at valuations made by Consulting Engineers.

MOUNT McKAY AND KAKABEKA FALLS RAILWAY COMPANY

No additions to track or expenditures on improvements, etc., were reported by this Company during the year.

NIAGARA PENINSULAR RAILWAY

No additions to track or expenditures on improvements, etc., were reported by this Company during the year.

PORT ARTHUR CIVIC RAILWAY

No additions to track or expenditures on improvements, etc., were reported by this Company during the year.

PUBLIC UTILITIES COMMISSION, STREET RAILWAYS DEPARTMENT

No additions to track or expenditures on improvements, etc., were reported by this Company during the year.

SANDWICH WINDSOR AND AMHERSTBURG RAILWAY

This Company reports no extension to track, but additions to equipment during the year of 15 busses, fare boxes, time clocks, office equipment and rolling stock at a total expenditure of $207,840.85.

SUDBURY, COPPER CLIFF SUBURBAN ELECTRIC RAILWAY

This Company made no extensions to track or additions to equipment, land and buildings during the year, but report additional permanent property of office furniture and fixtures amounting to $152.00.

THURLOW RAILWAY COMPANY

No additions to track or expenditures on improvements, etc., were reported during the year.

TILLSON SPUR LINE RAILWAY COMPANY

No additions to track or expenditures on improvements, etc., were reported during the year.

TORONTO TRANSPORTATION COMMISSION

The Commission reports extension of tracks, additions to equipment, land and buildings during the year at a total expenditure of $3,647,888.23.

NORTH YONGE RAILWAYS

No additions to track or expenditures on improvements, etc., were reported during the year, the Railway being operated by the Toronto Transportation Commission.

TOWNSHIP OF YORK AND TOWN OF WESTON RAILWAYS

No additions to track or expenditures on improvements, etc., were reported during the year, the railway being operated by the Toronto Transportation Commission.

TORONTO, 1946

Summary of all Accidents on lines of the Toronto Transportation Commission from January 1st to December 31st, 1946

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Collision with Cars	8	9	5	5	5	7	5	9	13	20	13	16	115
Collision with Autos and Trucks	640	622	620	491	605	496	383	367	502	584	558	760	6628
Collision with Motorcycles and Bicycles	4	1	6	6	5	14	6	8	8	13	1	3	75
Collision with Wagons	7	9	2	2	8	5	6	8	5	7	9	9	77
Boarding Cars	18	10	8	12	19	23	13	7	13	10	16	21	170
Alighting from Cars (including caught in Doors)	50	45	66	55	65	63	42	27	57	42	41	32	585
Falling in Cars	47	35	47	34	20	27	19	17	26	29	30	38	369
Miscellaneous	67	106	100	113	81	80	79	69	97	70	89	92	1,043
Total	841	837	854	718	808	715	553	512	721	775	757	971	9,062
Personal Injuries:													
To Passengers	165	95	126	117	163	119	115	75	64	110	115	103	1,367
To Others	2	25	14	20	25	17	35	13	14	23	18	22	228
	167	120	140	137	188	136	150	88	78	133	133	125	1,595
Fatal Accidents:													
To Passengers	nil	nil	nil	nil	4	nil	nil	nil	nil	nil	nil	nil	4
To Others	2	2	1	2	2	nil	1	1	4	2	2	2	21
Total	2	2	1	2	6	nil	1	1	4	2	2	2	25

SUMMARY

of all accidents of other Transportation Systems filed with the Ontario Municipal Board

	1,161
Fatal	4
	318
Fatal	None

INDEX TO RAILWAY LEGISLATION

The following Index has been made with the object of continuing in chronological order all the legislation passed by the Dominion and Provincial Government since 1867, affecting railways situated wholly or partially within the Province of Ontario.

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10	1915	Nil
11	1916	193
12	1917	192
13	1918	244
14	1919	212
15	1920	210
16	1921	220
17	1922	226
18	1923	142
19	1924	131
20	1925	162
21	1926	146
22	1927	178
23	1928	178
24	1929	173
25	1930	172
26	1931	165
27	1932	160
28	1933	146
29	1934	152
30	1935	51
31	1936	56
32	1937	62
33	1938	181
34	1939	151
35	1940	105
36	1941	Nil
37	1942	124
38	1943	143
39	1944	114
40	1945	139

FORM TO BE USED BY COMPANIES IN REPORTING ACCIDENTS

Accidents: Regulations under and in pursuance of Sections 281 and 282 of "The Railway Act," (R.S.O. 1937, C. 259)

Accidents—Every Company upo nthe happening of an accident shall give to the Ontario Municipal Board notice thereof in writing by delivering the same at the office of the Board in the City of Toronto or by mailing it, postage prepaid, in a registered letter and addressed to the Board.

Such notice shall contain a statement signed by duly authorized officer of such company setting forth the information and particulars hereinafter mentioned.

Such statement shall be divided into paragraphs, each of which shall include and refer to one (or one group) only of the numbered particulars hereinafter mentioned, and the paragraph referring to each respective numbered particular shall bear the number corresponding to the number hereinafter given for each such particular.

The numbers of paragraphs and the particulars to which each shall refer as aforesaid are as follows:

1. Name or names of company or companies concerned in accident.
2. Numbers of train, engine, car or motor.
3. Date and time of accident.
4. Nature of accident.
5. Exact location.
6. Name in full, address and status of each person injured or killed.
7. Age.
8. Married or single.
9. Passenger, employee or other.
10. If employee, length and nature of service with dates and periods of different occupations (if more than one).
11. If employee, character, experience, skill and fitness with respect to occupation at time of accident.
12. How engaged at time of accident and how long on duty.
13. Cause of accident, how same occurred, with full particulars and details and diagram, if required.
14. Persons in charge, with full names, addresses and the particulars referred to in paragraphs 10, 11 and 12.
15. Result to person and particulars of injury.
16. Result to property, including amount of damage.
17. Names and addresses of all persons present at, or eye witness of, the accident.
18. What investigation (if any), and the result of same.
19. Verdict (if any).

The Board reserves the right to require such further and other details, particulars, maps, plans, profiles, documents, models and information or illustration of any kind as the nature of the accident and a full understanding thereof may suggest or require.

In pursuance of Sections 281 and 282 of said Act, the Board declares that all such information so given in pursuance of this regulation shall be privileged.

Signature of Officer.

N.B.—Give name of officer who fills out this report.

FORMS THAT MAY BE USED IN CONNECTION WITH THE EXAMINATION OF MOTORMEN

Name of City or Town

.... 19........

Name of Railway

This is to certify that, acting under "The Railway Act," (R.S.O., 1937, C. 269), Section 265, I have examined the .... who is .... years of age and .... feet .... inches high, weighs .... lbs., complexion ...., as to fitness as a motorman, that the said ....is of steady habits, and is in physical ability, intelligence and general knowledge of, and experience in, this work, qualified to act as motorman on any electric car of said Company.

I have been duly appointed an examiner under the said Act, my appointment being dated ....

Name ....
Examiner.

REGULATIONS

REGULATIONS AS TO HEIGHT OF CAR STEPS

Under and in pursuance of a certain order of the Board bearing date the 2nd day of June, A.D., 1909, the Ontario Municipal Board made the following regulations:

The steps on all cars hereafter constructed and used by the Toronto Railway Company and all other street and electric railways under the jurisdiction of this Board shall have steps conforming to the following regulations:

On closed single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches.

On closed double truck cars the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches.

On open single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and nine inches respectively.

On open double truck cars, the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and fourteen inches respectively.

REGULATIONS RE DRINKING WATER ON PASSENGER CARS

Every Electric Railway in Ontario, subject to the jurisdiction of the Board, shall provide in each passenger car which runs 20 miles or more, a suitable receptacle for water with paper cups attached upon or near such receptacle, and shall keep such receptacle, while the car is in use, constantly supplied with cool drinking water for the use of passengers and the conductor and motorman in charge of such car.

This regulation shall not apply to street railways in towns or cities.

Dated at Toronto, this 10th day of April, A.D., 1928.

ELECTRIC AND STEAM RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING DECEMBER 31st, 1946

No	Name of Railway	Length of Road First Main Track	Length of Road Second Main Track	Total Main Track	Length of Sidings and Turnouts	Total computed as single track	Length under construction	No. of Power Houses		Remarks
								Steam	Water	
1	Cornwall Street Railway Light and Power Company Limited	5.50	....	5.50	6.50	12.00	....	....	....	Power purchased.
2	Fort William Electric Railway	12.735	5.292	20.522	0.319	31.250	....	....	....	Power purchased.
3	The Hamilton Street Railway Company	34.00	....	34.00	2.63	36.63	....	....	....	Power purchased.
4	The Huntsville & Lake of Bays Railway Company	1.43	....	1.43	.312	1.75	....	....	....	Power generated by Company.
5	Mattagami Railroad Company	3.00	....	3.00	3.947	6.947	....	....	....	
6	Mount McKay & Kakabeka Falls Railway Company	2.50	....	2.50	....	....	....	....	....	Leased to and operated by City of Fort William
7	Niagara Peninsular Railway	3.325	....	3.325	2.115	5.440	....	....	....	
8	Ontario Northland Railway (formerly Temiskaming & Northern Ontario Railway)	574.3	....	574.3	145.5	719.8	....	1	....	Power purchased.
9	Port Arthur Civic Railway	13.43	6.10	19.53	1.04	20.57	....	....	....	Power purchased from Municipal Light & Power System.
10	The Public Utilities Commission, Street Railway Department	3.96	2.86	6.82	.94	7.76	....	....	1	Power purchased.

11	Sandwich Windsor and Amherstburg Railway Company	....	....	....	....	....	....	....	....	Street Car operation discontinued 7th May, 1939.
12	Southern Ontario Railway ..	....	Not yet in operation			....	....	....	....	
13	Sudbury, Copper Cliff Suburban Electric Railway ..	7.9	....	7.9	....	....	....	....	....	Power purchased.
14	Thurlow Railway Company	2.671	....	2.671	4.666	7.337	....	....	....	
15	Tillson Spur Line	1.010	....	1.010	.051	1.061	....	....	....	All rolling stock owned and operated by Canadian National Railway.
16	Toronto Transportation Commission	111.172	102.046	213.218	27.036	240.254	....	....	....	Purchased from the Toronto Hydro Electric System and the Hydro Electric Power Commission of Ontario.
17	Toronto Transportation Commission North Yonge Railways	10.247	....	10.247	1.155	11.402	....	....	....	Purchased from North York Hydro Electric Commission.
18	Toronto Transportation Commission Twp. of York and Town of Weston Railways	8.063	6.002	14.065	.148	14.213	....	....	....	Power purchased from Toronto Transportation Commission.

ANALYSIS OF GROSS EARNINGS AND MISCELLANEOUS INCOME FOR YEAR ENDING DECEMBER 31st, 1946

Name of Railway	From Passengers	From Mail	From Express Parcels and Newspapers	From Freight	From Rental of Track Buildings and Other Property	From Advertising	From Other Miscellaneous Sources	Total
Cornwall Street Railway	$ 152,020.85			$ 126,340.60	$ 990.00	$ 1,403.34	$ 364.45	$ 281,119.24
Fort William Electric Railway	321,746.85	$ 746.64			1.00	885.42	1,022.87	324,402.78
Hamilton Street Railway	2,438,823.00			6,684.00	139.00	11,054.00	4,016.00	2,460,716.00
Huntsville and Lake of Bays Railway	1,724.55	50.00		833.70				2,608.25
Mattagami Railway	1,578.93		$ 1,395.05	26,364.20			9,916.85	39,255.03
Mount McKay and Kakabeka Falls Railway					1,200.00		325.34	1,525.34
Niagara Peninsula Railway				29,740.00				29,740.00
Port Arthur Civic Railway	278,539.93					1,143.11	11,126.60	290,809.64
Public Utilities Commission-Street Ry. Dept.	168,103.88		26.95				4,685.44	172,816.27
Sandwich, Windsor and Amherstburg Ry.	2,907,895.08	3,694.54	3,382.06		457.50	8,159.18	1,315.23	2,924,903.59
Southern Algoma Railway		Did not operate during the year						
Sudbury-Copper Cliff Suburban Electric Ry.	159,945.84		112.90		360.00	141.66	112.01	160,672.41
Thurlow Railway				25,780.00				25,780.00
Tillson Spur Line Railway		All rolling stock owned and operated by Canadian National Railways						
Toronto Transportation Commission	23,354,710.95		24,040.86		208,880.43	164,201.07	157,890.64	23,909,723.95
" " " Twp. York and Weston Ry.	636,345.97					4,905.89	2,268.91	643,520.77
" " " North Yonge Railway	212,765.72				1,268.90	1,061.76	585.31	215,681.69

TABULATION OF CAR MILES RUN, PASSENGERS CARRIED, ACCIDENTS, ETC. FOR YEAR ENDING DECEMBER 31st, 1946

Name of Railway	Length of track miles owned	Length of switches and sidings miles	Passenger car miles run	Passengers carried	Passengers carried per mile of main track operated	Accidents (Claims)		No. of Men Employed	Passenger Cars			Miscellaneous									
						Killed	Injured		Cars Enclosed	Cars Open	Trailers	Mail and Baggage	Box and Cattle	Platform	Dump and Coal	Tool	Snow Sweepers	Snow Plows	Loading Cranes	Locomotives	Busses and Trucks etc
Cornwall Street Railway	5.50	6.50	427,694	3,408,631	619,751	....	....	80	22	....	....	....	....	1	....	....	4	2	....	5	3
Fort William Electric Railway	17.852	....	865,726	5,152,522	338,314	....	6	100	22	....	....	....	....	....	....	....	1	2	....	....	1
Hamilton Street Railway	34.00	2.63	5,118,248	40,062,002		....	291	....	70	....	6	....	....	....	....	....	4	....	....	....	94
Huntsville & Lake of Bays Railway	1,438	.312	....	11,497	11,497	....	....	4	....	....	3	2	....	2	....	....	....	....	....	....	....
Mattagami Railroad	3.000	3.947	18,966	10,526	3,509	....	....	12	....	....	....	1	....	1	1	....	....	1	1	2	....
Mount McKay & Kakabeka Falls Ry	2.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.	....
Niagara Peninsula Railway	3.325	2.115	....	....	....	....	....	11	....	....	....	....	....	3	52	....	....	....	....	5	....
Port Arthur Civic Railway	19.53	1.04	740,392	5,624,791	288,008	....	12	75	19	....	....	....	....	....	....	....	2	....	....	....	....
Public Utilities Commission, Street Railway Dept.	6.82	.94	301,954	4,557,216	668,213	....	8	....	10	....	....	....	....	....	....	1	2	....	....	....	10
Sandwich, Windsor & Amherstburg Railway	....	....	7,281,098	39,268,582	....	....	....	....	5	....	....	....	....	....	....	....	6	....	....	....	194
Southern Algoma Railway	....	....	Did not	operate duri	ng year	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sudbury-Copper Cliff Suburban Electric Railway	7.9	....	298,295	2,331,108	295,077	....	....	40	11	....	....	....	....	....	....	....	1	1	....	....	1
Thurlow Railway	2.671	4.666	....	....	....	....	1	10	....	....	....	....	....	1	22	....	....	..	....	3	....
Tillson Spur Line Railway	1.010	.051	....	....	....	....	....	....	.	....	....	....	....	...	....	....	...	....	....	....	....
Toronto Transportat'n Commission	213.218	27,036	47,061,449	324,415,217	....	22	1,077	5,362	867	....	105	....	....	....	....	....	27	17	1	....	534
" " Twp. York & Weston Ry.	14.065	.148	1,066,776	13,250,716	....	....	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....
" " " North Yonge Railway	10.247	1.155	454,247	2,348,869	....	3	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABULATION OF COMPARISON WITH PREVIOUS YEAR AS TO CAR MILES RUN, PASSENGERS CARRIED, ETC.

Year Ending December 31st, 1946

Name of Railway	Length of Track		Car Miles Run		Passengers Carried		Accidents				Net Earnings	
							Killed		Injured			
	In-crease	De-crease	In-crease	De-crease	Increase	Decrease	In-crease	De-crease	In-crease	De-crease	Increase	Decrease
Cornwall Street Railway	......	......	46,525	......	93,460	......	......	2	......	6	......	$14,578.33
Fort William Electric Railway	......	......	20,710	......	......	523.030	......	2	......	13	......	8,064.49
Hamilton Street Railway	......	617	133,599	......	1,331,704	......	......	2	4	......	$172,456.00	......
Huntsville and Lake of Bays Railway	......	......	......	......	415	......	......	......	......	......	......	788.62
Mattagami Railroad	......	......	......	13,080	2,198	......	......	......	......	......	......	139,162.95
Mount McKay and Kakabeka Falls Railway	......	......	......	......	......	......	......	......	......	......	......	1,821.36
Niagara Peninsula Railway	......	......	......	......	......	......	......	......	......	......	15,414.18	......
Port Arthur Civic Railway	......	......	......	40,504	......	739,586	......	......	7	......	90,570.66	......
Public Utilities Commission, Street Ry. Dept.	......	......	......	23,858	......	166,405	......	......	......	7	510.63	......
Sandwich, Windsor and Amherstburg Ry.	......	......	......	......	......	......	......	......	......	......	......	......
Southern Algoma Railway	......	......	Did not	operate	during year	......	......	......	......	......	......	......
Sudbury-Copper Cliff Suburban Electric Ry.	......	......	......	31,157	......	122,999	......	......	......	......	......	66,181.14
Thurlow Railway	......	......	......	......	......	......	......	......	1	......	......	26,462.67
Tillson Spur Line Railway	......	......	......	......	......	......	......	......	......	......	......	......
Toronto Transportation Commission	661	......	3,234,073	......	9,535,471	......	......	1	......	230	453,920.00	......
" " " Twp. York and Weston Railway	......	......	21,629	......	607,908	......	......	1	8	......	212,067.57	......
" " " North Yonge Railway	......	......	16,874	......	99,057	......	3	......	......	5	6,301.22	......

TABULATION OF OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1946

Name of Railway	General Expenditures	Maintenance of Roadbed and Buildings	Maintenance of Equipment	Motive Power	Wages	Damage to Persons and Property	Miscellaneous	Total
Cornwall Street Railway	$ 30,958.97	$ 42,122.01	$ 60,249.30	$ 21,000.00	$ 70,891.93	$ 1,405.39	$ 5,492.56	$ 232,120.16
Fort William Electric Railway	25,179.85	29,944.45	45,783.15	20,333.42	98,647.93	1,606.17	13,098.44	234,593.41
Hamilton Street Railway	135,521.00	93,373.00	331,921.00	81,234.00	361,118.00	68,448.00	386,599.00	1,458.214.00
Huntsville and Lake of Bays Railway	427.53	400.00	836.02	......	442.83	......	398.98	2,505.36
Mattagami Railroad	11,423.49	9,941.25	2,787.63	......	14,305.69	......	6,889.03	45,347.09
Mount McKay and Kakabeka Falls Railway	329.53	......	......	......	......	......	......	329.53
Niagara Peninsula Railway	88.34	4,795.45	1,287.71	......	4,868.62	......	3,285.70	14,325.82
Port Arthur Civic Railway	20,497.67	25,134.40	35,993.14	20,133.22	69,032.65	......	30,992.44	201,783.52
Public Utilities Commission, Street Ry. Dept.	24,433.12	14,832.90	26,069.18	14,563.83	62,294.88	1,363.94	6,330.51	149,888.36
Sandwich, Windsor and Amherstburg Ry.	467,904.53	828,599.11	472,046.00	......	71,070.65	......	144,540.13	1,984,160.42
Southern Algoma Railway	......	Did not operate during year			......	......	......	......
Sudbury-Copper Cliff Suburban Electric Ry.	13,772.62	23,779.95	25,284.27	19,311.65	57,267.53	40.20	3,067.26	142,523.48
Thurlow Railway	88.33	7,140.72	4,880.30	1,883.09	7,697.81	......	1,695.21	23,385.46
Tillson Spur Line Railway	......	......	......	......	......	......	......	......
Toronto Transportation Commission	1,865,379.79	819,533.88	1,882,951.40	1,275,931.74	5,513,139.98	685,524.19	4,191,164.69	16,233,625.67
" " " Twp. York and Weston Railway	42,939.19	18,621.82	41,912.94	22,804.27	......	......	232,581.23	358,859.45
" " " North Yonge Railway	22,491.47	26,382.74	18,599.97	15,533.50	......	......	72,733.90	155,741.58

TABULATION OF CHARGES OTHER THAN OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1946

Name of Railway	Interest on Funded Debt	Interest or Discount on Unfunded Debt	Taxes	Transfer to Special Accounts	All Charges Other Than Operating Costs	Total Expenditures Including Operating Costs	Total Expenditures Excluding Operating Costs	Total Revenue From All Sources	Net Deficit From Year's Operation	Net Surplus From Year's Operation
Cornwall Street Railway	$10,500.00	....	$2,771.21	$ 34,348.90	$ 48,470.11	a) $ 246,241.27	a) $14,121.21	$281,119.24	$5,470.93	....
Fort William Electric Railway	....	....	305.07	....	305.07	234,593.41	305.07	324,402.78	....	$89,809.37
Hamilton Street Railway	....	....	122,953.00	....	122,953.00	1,581,167.00	122,953.00	2,460,716.00	....	879,549.00
Huntsville and Lake of Bays Railway	....	....	90.16	....	90.16	2,595.52	90.16	2,608.25	....	12.73
Mattagami Railroad	....	....	55.13	8,100.00	8,155.13	55,186.64	8,155.13	39,255.03	15,931.61	....
Mount McKay & Kakabeka Falls Ry.	....	....	....	5,000.00	5,000.00	5,329.53	5,000.00	1,525.34	3,804.19	....
Niagara Peninsula Railway	....	....	....	....	....	14,325.82	....	29,740.00	....	15,414.18
Port Arthur Civic Railway	....	....	89.65	5,276.77	5,366.42	a) 201,873.17	a) 89.65	290,809.64	....	83,659.70
Public Untilities Commission, Street Railway Dept.	....	....	278.35	22,000.00	22,278.35	172,166.71	278.35	172,816.27		649.56
Sandwich, Windsor, Amherstburg Ry.	....	....	19,753.32	1,047,651.64	1,067,404.96	a) 2,003,913.74	a) 19,753.32	3,024,018.65	27,546.73	....
Southern Algoma Railroad	....	....	......	Did not ope	rate during	year	....		....	....
Sudbury-Copper Cliff Suburban El. Ry.	2,012.15	5.57	479.95	6,642.05	9,139.72	a) 145,021.15	a) 2,497.67	160,672.41	....	9,009.21
Thurlow Railway	....	....	....	....	....	23,385.46	....	25,780.00	....	2,394.54
Tillson Spur Line Railway	....	....	....	....	....		....	....	....	....
Toronto Transportation Commission	573,327.50	....	630,600.66	6,679,830.23	7,973,625.43	a) 17,527,520.87	a) 1,293,795.20	24,503,516.89	....	296,265.79
" " " Twp. York & Weston Ry.	41,183.70	....	....	25,872.06	67,055.76	a) 400,043.15	a) 41,183.70	643,520.77	....	217,605.56
" " " North Yonge Railway	....	....	73.41	....	73.41	155,814.99	73.41	215,681.69	....	59,866.70

TABULATION OF ASSETS AND LIABILITIES AS OF DECEMBER 31st, 1946

Name of Railway	Authorized Capital Stock	Cost of Railway Equipment, Land and Buildings	Cash and Other Assets	Deficit	Capital Stock Outstanding	Funded Debt and Real Estate	Current Liabilities	Accrued Liabilities Sinking and Other Special Funds	Surplus
Cornwall Street Railway	$200,000.00	$ 807,573.33	$ 71,216.23	....	$200,000.00	$ 200,000.00	$ 49,598.52	$ 415,181.04	$14,010.00
Fort William Electric Railway	....	....	298,719.99	....	. .	....	298,719.99	....	....
Hamilton Street Railway	1,602,500.00	4,488,196.00	380,772.00	....	1,602,500.00	....	161,249.00	2,719,857.00	385,362.00
Huntsville and Lake of Bays Railway	27,800.00	29,482.24	12,733.25	343.27	27,800.00	....	1,682.93	13,075.93	....
Mattagami Railroad	250,000.00	249,000.00	93,056.90	11,400.78	250,000.00	....	3,596.26	104,000.00	....
Mount McKay and Kakabeka Falls Ry.	500,000.00	386,824.77	34,097.41	352.727.36	386,300.00	....	524.77	386,824.77	....
Niagara Peninsula Railway	50,000.00	55,550.88	27,150.10	....	50,000.00	....	....	....	32,700.98
Port Arthur Civic Railway	....	943,924.00	764,767.22	....	....	1,001,871.07	200,637.68	....	506,182.47
Public Utilities Commission St. Ry. Dept.	....	771,851.91	189,265.51	....	....	250,000.00	112,871.83	592,676.83	5,568.76
Sandwich, Windsor and Amherstburg Ry.	....	....	9,135,555.25	....	....	3,000,000.00	4,840,348.15	2,933,758.93	....
Southern Algoma Railway	....	Did not oper	ate during y	ear	....	....	....		....
Sudbury-Copper Cliff Suburban Railway	250,000.00	285,298.07	139,265.11	62,775.94	173,100.00	34,698.11	9,451.47	25,298.33	....
Thurlow Railway	50,000.00	58,211.42	4,230.00	26,462.67	25,000.00	....	63,904.09	....	....
Tillson Spur Line Railway	20,000.00	....	....	....	20,000.00	. . .	....	....	....
Toronto Transportation Commission	....	55,435,227.25	27,307,664.24	....	....	8,643,233.20	2,731,048.04	66,797,070.31	4,571,539.94
" " " Twp. York and Weston Ry	....	1,393,256.10	1,053,096.68	....	....	888,931.91	....	512,870.09	1,044,550.78
" " " North Yonge Railway	....	107,549.10	14,002.23	....	....	....	61,684.63	....	59,866.70

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ANNUAL REPORT

UPON THE

ONTARIO TRAINING SCHOOLS

FOR THE YEAR ENDING 31st MARCH

1946

PRINTED BY ORDER OF
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To The Honourable Ray Lawson,

Lieutenant-Governor of the Province of Ontario

May It Please Your Honour:

The undersigned has the honour to present the Annual Report upon the Ontario Training Schools for the year ending 31st March, 1946.

Respectfully submitted,

G. H. Dunbar,

Provincial Secretary

HONOURABLE G. H. DUNBAR,
Provincial Secretary of Ontario.

SIR:

Because of the progress of the Training Schools in the past year, it is a gratifying privilege to present the following reports:

1. The report of the Training Schools Advisory Board.

This Board consists of a psychiatrist as chairman, a school inspector, and three other citizens, one of them a woman, all of long experience in this important work. The Board meets once each week and the members give their valuable contribution without financial remuneration; but it is certain that each feels fully repaid in the satisfaction and knowledge of fruitful results of their labours.

2. The reports of the Training Schools Superintendents.

There are so many and varied activities in a training school, even in one week, that it is not practical to write an annual report that would cover all those activities and be widely read. However, these reports of the superintendents do rather concisely review the work each is doing with these delinquent children who are the so-called failures.

3. The statistical reports.

These also are concise and a few minutes review will give the reader much valuable information regarding these children and the reasons for sending them to Training Schools.

If any correctional school or institution is to do its work properly there must be progressive improvement in its methods, routine and work. During the year under review, the first post-war year, there was unusual, remarkable progress. This was possible because of release from the handicaps of war conditions.

The Ontario Training School for Girls, Cobourg, although still handicapped by lack of some facilities, was achieving the highest success in its history. Therefore you decided to have the school remain permanently at Cobourg, and arranged for the purchase of the two properties it has been using there.

This decision released the school property at Galt for other purposes. It had recently been returned to the control of the Province by the Royal Canadian Navy which had used it for training W.R.C.N.S. The Ontario Training School for Boys at Bowmanville in its temporary and very limited quarters was seriously handicapped. Therefore to relieve the temporary situation, and as a permanent arrangement, you made a most important decision—to divide the Ontario Training School for Boys into two branches: the Galt Branch for the younger boys and the Bowmanville Branch for the older ones. The Galt Branch consists of splendid modern buildings located in a lovely natural setting. A carefully selected staff, nearly all of them new to Training School procedure but highly qualified, opened the School in January, and to the time of writing this report, there has been marked evidence of success. The Bowmanville Branch had to continue in its temporary quarters, but at the end of the fiscal year rehabilitation of its permanent buildings by the military authorities was approaching completion, and soon its staff with the experience gained by the forced experiment of the war years could expand and accelerate its purposes.

The Ontario Training School for Boys, Guelph, is in a section of the Ontario Reformatory there. The boys are those with whom the other Training Schools could not properly cope or restrain or train, and those committed direct to that School by the courts. The Superintendent's report concerning them is enlightening.

St. Joseph's Training School at Alfred made good progress in the construction of its new vocational training building, and made other improvements, chief of which is a new waterworks system.

St. John's Training School at Toronto in spite of outmoded buildings has a splendid record of success with its boys. Now the first important steps have been taken toward the beginning of the new school outside the City.

St. Mary's Training School is fortunate in having constructed its new school outside the City several years ago, and its progress continues with the girls it has in its care.

Citizens of Ontario can well take reasonable pride in these Schools and their staffs and the progress made in the past year, for they are fulfilling their purposes to a high degree.

C. F. Neelands,

Deputy Provincial Secretary

REPORT OF TRAINING SCHOOLS ADVISORY BOARD

To The Honourable G. H. Dunbar,
Provincial Secretary of Ontario.

Sir:

The Training Schools Advisory Board presents herewith its fifteenth annual report for the year ending March 31, 1946. Fifty-two meetings were held during the year.

So much has been said by various people about the causes of juvenile delinquency that this Board has been acutely observant of various factors which may have had a causal effect on the misconduct of each boy or girl entering the Training Schools. Each week in designating boys and girls to these Schools we have been impressed with the factual evidence given by the Juvenile Courts. In some 90 per cent of the cases either one or both parents have been grossly at fault in failing to provide desirable home training for the child. Excesses in the various physical appetites have been rampant on the part of parents. It seems to us that some action should be taken to correct such poor surroundings and undesirable patterns of adult conduct in moulding children's acts. We feel that some adults need special training to help them to realize their place in helping children to become desirable citizens. Therefore the Board welcomes the growing movement for community centres. These centres may well create activities and interests which many young people now lack. They may aid in parent education, and help to prevent juvenile delinquency. From our day to day view of actual cases, it seems to us that those parents who appear to have lost control of their children, have not seriously regarded their own responsibilities and have lacked sufficient control of themselves.

The physical, mental and spiritual health of each pupil receives particular attention in all our Training Schools. It is only necessary to read the report of the Superintendent of any of these Schools to see how careful attention is given to these matters.

It is advisable that there be no break in the usual educational courses outlined for youth in our Province, when a boy or girl is committed by the courts to one of the Training Schools. In fact in most cases these incorrigible children were unsatisfactory pupils in their communities, and the Training Schools are giving them a more definite, determined academic course than they would accept in their previous schools. In addition all the Training Schools give what they can in handicrafts and vocational work.

The Training Schools are not to be considered as penal institutions, but have for their object the training, educating and guidance of delinquent boys and girls, so that they may as soon as possible become capable of taking their places in the community again as good citizens.

To assure adequate academic and vocational training for these children the Board encourages:

(1) An opportunity class with a qualified teacher in each School, for all pupils with intelligence quotient of 75 or under. These classes should meet the requirements of the Regulations for Auxiliary Classes of the Department of Education. If these children are still under thirteen when paroled, they should be placed in localities where this type of class is in operation. We have been rather puzzled in a few cases to note that some Public School Inspectors do not seem to be wholly in accord with this splendid provision of the Provincial Department of Education.

(2) Continuance and extension of vocational work in household economics, woodcraft, shoe shop, tailoring, printing and gardening.

(3) The course of study for Grades IX and X for all who have the capacity. Training in typewriting should be encouraged.

(4) Since farm placement is the usual procedure in the case of many boys, it is desirable that the Schools give attention to agriculture. We believe there should be on the staff a teacher, or teachers, holding a certificate in agriculture from the Department of Education. The boys should get actual farm knowledge at the School if possible before they are paroled, because many of them are city boys who have had no previous opportunity of knowing anything about farm practices.

(5) Special consideration should be given in all Training Schools for pupils in the dull normal non-academic group (approximately 80 to 90 I.Q.) since the majority of commitments are in this group. These pupils for various reasons have become thoroughly imbued with the idea while in the Public Schools that they are either incapable of, or greatly handicapped in, mastering the ordinary academic programme. Being below average in academic capacity they need extensive drill and teaching in the English subjects and arithmetic if they are to be at all capable as a literate people. In addition, handwork in the shops and in the fields and garden will be of inestimable value.

(6) Physical training—health, sports programme, gymnasium work, and personal hygiene and fitness—is a most important part of training, and in most of the Schools is well carried out.

We were struck by the concurrence of the ideas of the Superintendent of one of the Training Schools last year with our own in the emphasis placed by the Department of Education on passing examinations, especially by these sentences: "Is it not obvious that sound merit is ruled out in many instances? Certificates without ability are given preference while ability without a certificate is ignored, too frequently. Some procedure is desirable by which a grading in ability, character and manner should rate a value equivalent to a grading in shorthand, mathematics and literature."

Although under the Training Schools Act commitments are for an indefinite period, it is a fact that paroles from the Schools are granted in every case as soon as the individual delinquent proves worthy. During the war in the case of Bowmanville especially, these paroles have had to be much sooner than we could have wished, but the results have been surprisingly gratifying. However, as the Dominion Department of National Defence ceased using this Training School for military purposes in April 1945, it is reasonable to hope that the original function of the School may soon be restored. We do feel that a certain number of boys and girls require fairly prolonged institutional training in order to establish desirable habits before they can be paroled. In many cases the parole is to a foster home because it has been clear from the court evidence taken at the time of commitment that the home has contributed very much to the child's delinquency. If on careful investigation it is found that these home conditions have not improved, it is thought advisable to give the child the benefit of wholesome home surroundings elsewhere, which may be either in the country, town or city, but which will permit the child to continue his education.

Close watch is kept on the wages paid to our boys and girls who are paroled out on a work basis, reminding also our superintendents and placement officers that this important feature must not be overlooked. As a result many bank savings accounts have been opened, and Government bonds purchased. It is of interest, too, that a number have invested in life insurance.

During the year wardship was terminated in 505 cases as follows:

323	Satisfactory adjustments in community, or 64 per cent of all terminations.
12	Enlisted in Armed Forces
40	Married
55	In other Institutions
26	Moved out of Province
30	Whereabouts unknown
19	Further wardship unavailing

We have watched with interest the opening of the Galt Branch of the Ontario Training School for Boys, which absorbs the younger boys from Bowmanville School. We believe that this is a most desirable procedure, and under the superintendency of Mr. W. J. Eastaugh this School gives promise of doing splendid work in all-round training of boys.

The Board wishes to reiterate its opinion that:

(1) The Department of Indian Affairs at Ottawa should have a training school for its own delinquent wards. At present we have 12 Indians for whom that Department pays maintenance, and there are also 30 others of Indian blood in our Schools.

(2) That the question of training mentally defective delinquents could be greatly improved. In the first place, they do not belong in our Training Schools at all, but rather in such a training school as exists at Orillia. Their training must be of a special type with teachers who understand conditions of their pupils, and are competent to deal with them. The training must be simple, practical, and capable of being repeated so many times that the boy or girl in question thoroughly acquires the habit of doing this particular work. We know that there is not enough room at the Ontario Hospitals School, Orillia, but it has been known for years, at least in the Department of Health, that there should be other training schools in the Province to do work similar to the Orillia School. There have been at least three Royal Commissions on Mental Deficiency in the Province of Ontario within the memory of the Chairman of this Board, each of which recommended increased institutional training facilities for mental defectives. It seems clear to us that instead of making one

institution so large that it may become unwieldy, it would be better practice to have at least three such institutions in the Province.

If mentally defective boys and girls are sent to the Training Schools, then it is necessary that advantage be taken of the opportunity class training outlined by the Department of Education of the Province. If these boys and girls are to be in these Schools, then there should be an opportunity class with a qualified teacher in each School for all pupils whose intelligence quotient is 75 or under.

The Board feels that under the conditions which the Department has been forced to face in recent years, it has not been possible to give this type of delinquent long enough training in the Schools. It is definitely of the opinion that the defectives should not be in these Schools, and it suggests that the Department of Reform Institutions and the Department of Health might consult together to see whether more accommodation can be obtained in the Hospital Training Schools, or whether a special type of school for defective delinquents might be added. Such a school would have the type of training now provided by Orillia, but would ensure greater discipline needed in some instances, and more prolonged supervision.

All six Schools have been visited by the Board during the year, and in each case the staffs commended for their splendid work.

On the suggestion of the Board that some liaison be made between the Training Schools Advisory Board and the Ontario Board of Parole concerning girls of the Training Schools who have been placed in the Andrew Mercer Reformatory, the Department arranged that Mrs. C. R. Sanderson of this Board should act in that capacity, and Mrs. Sanderson now attends meetings of the Board of Parole held at the Andrew Mercer Reformatory.

We have been impressed with the excellent work of the superintendents, teachers and placement officers of the Training Schools. There are one or two defects pointed out by the Deputy Minister in last year's annual report. Notably, St. John's Training School is handicapped by having old and insufficient buildings; while the Girls' School at Cobourg needs more and larger classrooms and further residence space. We are very pleased with the idea of a hobby-room at the Cobourg School.

The Board appreciates reports received from the Ontario Department of Education, from the Mental Health Clinics of the Department of Health, and from the Children's Aid Societies of the Department of Public Welfare.

The personnel of the Board has remained unchanged during the past year.

E. P. Lewis, B.A., M.B., *Chairman*
Ethel Sanderson
Chas. D. Gordon
John M. Bennett, M.A., Ph.D
H. J. Terry

REPORT OF THE ONTARIO TRAINING SCHOOL FOR BOYS, BOWMANVILLE

April 1, 1945 to March 31, 1946

In our previous year's report it was stated that there was definite evidence that the School would soon be returned to its pre-war status. By the middle of April the Prisoners of War were evacuated. Shortly thereafter the Veterans' Guard left and negotiations were entered into between the Department of National Defence and the Ontario Government regarding the restoring of the property and buildings to their original condition.

The actual work of restoration did not commence until the early part of November 1945. By the close of the fiscal year the interiors of the buildings had been redecorated and the work of repairing equipment was proceeding. It was forecast that the School would be ready for occupancy by midsummer.

Placement

Training in foster homes has continued as the chief factor in the adjustment programme. The limited accommodation at the Temporary School has determined to a large extent the rapidity of parole. From this point the Placement Officer takes over and assists the foster home in its efforts to fit the boy to live in his new community. In most cases adjustment is rapid and the boys adapt themselves to the new homes where they find new interests in the neighbourhood and school. There are however, some who, having lacked the steadying influence of the Institution, tend to wander. These frequently readjust in later placements.

Effectiveness of placement is reflected to some extent in the following:

Number remaining out one year after placement—year ending March 31:

1940	1941	1942	1943	1944	1945	1946
226	245	"344"	280	296	263	203

Note: Six months of this year was under pre-war setting.

Boys placed in previous years and returned during year shows a definite increase under the Temporary plan and might be accounted for by the lack of in-training coupled with rapid placement.

Placed out in previous years and returned during present year:

1940	1941	1942	1943	1944	1945	1946
40	28	43	"106"	100	93	60

Note: First full year's report under curtailed establishment.

PAROLES: The following table shows clearly the difference in the number of placements during the pre-war period as compared with temporary set-up:

1940	1941	1942	1943	1944	1945	1946
377	395	390	538	619	508	355

Boys undergoing training in Ontario Training School for Boys, Guelph, are conferenced periodically with the Superintendent of that Institution. From a study of their reaction to training a tentative date is set for parole. In the meantime investigation of the boy's home conditions is made and a plan outlined for his placement. If his own home is not suitable or if it does not appear wise to return him to his old neighbourhood, a boarding home is found in a new district. When parole is made effective wardship of boys of the Protestant Denomination is transferred to Ontario Training School for Boys, Bowmanville and supervision assumed by our Placement Staff.

Academic

The Academic Department continued to adapt its programme to meet the needs of the constant coming and going of boys, both new and re-admitted. This meant that over 300 pupils had to enter into the scheme of part-time education given in this class, and receive training before being placed in the out-going group. The following figures show the range in grades:

Grade 11	1	Grade 5	63
Grade 10	4	Grade 4	45
Grade 9	24	Grade 3	25
Grade 8	43	Grade 2	12
Grade 7	57	Grade 1	4
Grade 6	55	Auxiliary	28

Clinical services for the testing and appraisal of new cases have not as yet returned to normal throughout the Province. This means that the necessary psychometric tests have to be given after the boy arrives at the School. This work has been ably handled by our Academic Teacher. During the year, 194 Group and Binet Tests were given.

Instruction in vocal music and music appreciation is provided through the services of a part-time teacher.

Farming

By arrangement with Department of National Defence we were permitted to take over the acreage not required for use of the military. The work of ploughing, cultivating and seeding was largely done by hired help and machinery. Hoeing, weeding and harvesting were carried on by the boys and the staff. As time went on it became apparent that the crop would not be required for use of our own stock. It was therefore sold. About thirty acres were sown in Fall Wheat.

Boys receiving supervision at beginning of period		535
Boys discharged during period		403
Number readmitted	213	
Number released	225	
Attending school	228	
Employed on farms	80	
Employed in factories	39	
Working Boys' Home	1	
Employed in lumber camps	4	
Employed in offices	2	
Employed as shipper	1	
Employed as messengers	3	
Employed as cook's helper	1	
Employed as shoe repair	1	
Employed as truck helpers	2	
Miscellaneous work	25	
In Mental Hospitals	14	
In other Institutions	22	
In O.T.S., Galt	47	
Boys A.W.L.	30	
	938	938

Boys attending public school	206	
Boys attending high school	22	
Boys discharged during period		402
Placed in foster homes	160	
Placed in farm employment	143	
Working Boys' Home	1	
Home for employment	10	
Home for school	8	
Transferred to other Institutions	17	
Transferred to Galt	46	
Placed in boarding homes	15	
Paroled while A.W.L.	2	
	402	402

Boys under supervision at end of period	453
Total number of visits to boys	3,266
Homes investigated	445
Attendance at clinics and social agencies	120
Attendance at court	15
Other contacts	294
Total number of boys in paid homes at end of year	185
Miscellaneous calls	871
Car mileage	101,133
Train mileage	1,628

Medical Report

Boys examined	195
Visits to School	63
Mental certificates	8
Eye tests	16
Office consultations	25
Removal of tonsils and adenoids	16
Repair lacerations	2
Circumcision	1
Ear wax removed	4

Dental Report

From - November 23, 1945 - March 31, 1946

Number of boys reporting at office	83
Number of boys worked on	76
Number of fillings inserted	183
Number of extractions	33
Number of times block anaesthesia used	28
Number of gum treatments	11
Number of prophylaxis	46
Total number of operations	301

Report of services rendered from April 4, 1945, to November 14, 1945:

Number of patients at clinic	136
Number of prophylactics	125
Number of enamel fillings	67
Number of amalgam fillings	240
Number of extractions	104
Number of anaesthetics and nerve blocks	104
Number of dentures	4
Number of dentures repaired	2
Number of treatments	2
Number of trench mouth treatments	5
Number of x-rays	2

New admissions totalled 196, representing an increase of 11.3 per cent over the previous year.

GALT BRANCH

By Order in Council dated 15th of January, 1946 and effective January 1, 1946, there was set up a School for younger boys as part of the Ontario Training School for Boys. This was to be known as the Galt Branch. The premises were originally those of the Girls' Training School and had been occupied by the Canadian Navy for training of women personnel during the war period. Organization activities were in progress during the latter part of December 1945, and continued until a nucleus staff was engaged. During the week of January 21, 1946, a staff course of training was instituted. The new Branch received its first pupils at noon on January 28, 1946. Boys committed by the courts are received at the Bowmanville Branch where they are tested and interviewed. Those considered of an age to profit by a period of training at Galt are taken there when ready. At Galt the new lads are absorbed into suitable house groups.

The School is situated on a property approximately forty acres in extent, the entrance to which is on Highway No. 24, leading from Galt to Hespeler. There is a paved road leading from the entrance and branching to make the circle of the buildings. Facing west is the School which contains five classrooms, auditorium and administration offices. To the rear of the School are the boys' living quarters and hospital. Two of these buildings are on the north and two on the south of a large paved parade square. To the east of the parade square is a tall Navy rigged flagstaff. The living quarters perpetuate the names in use during the war by the W.R.C.N.S., and are known as Beatty, Drake, Nelson and Collingwood Houses.

Programme

(a) A programme has been instituted whereby every boy will receive academic and vocational training and do his part in the maintenance work of the School. The manual training groups are doing those practical jobs so necessary to the smooth-running of the School, e.g.: Building of finger board sign posts, construction of benches for shop classroom, removal of canteen structure left by Navy in shop classroom, etc.

(b) Physical training constitutes a regular part of each day's activities. It includes calisthenics, marching, tumbling, apparatus work, group games, etc. In these activities, it is the aim along with physical development to foster group spirit through team play and competition. Points are awarded for marching and games. Leaders and assistant leaders are appointed for a week at a time, the assistant leader moving up at the end of the week. The retiring leader may again become eligible in a few weeks' time.

(c) An Enrichment Programme is well started embracing craft work and harmonica playing. From scrap leather obtained from various sources, boys are making simple projects such as comb cases and bill folds. Most of the boys have learned enough of the mouth organ technique to be able to play reasonably well the beginners' piece "Home Sweet Home." From a nearby farm a supply of feathers has been obtained for the purpose of making headdresses for Indian Council Ring. Boys are being taught how to tip the ends of the quills with leather thongs so that eventually the feathers may be assembled into headdresses.

(d) Outside contacts are being established with the Galt Y.M.C.A., Boy Scout Association, Kiwanis Boys' Work Committee, and Galt Christian Business Men's Association. The boys have the use of the Y.M.C.A. swimming pool one period per week. The Galt Business Men's Association conducts a weekly religious service at the School, and the Kiwanis Boys' Work Committee provides a weekly movie.

(e) Religious Training is provided by weekly attendance at one of the Galt Churches, and Sunday School is held Sunday evening at the Institution. An arrangement has been entered into whereby the entire group attends services at the various Protestant Churches month about.

Discipline

A regular orderly room system to review cases requires that the offender appear before the Assistant Superintendent daily after Chapel Service, where the case is discussed with the staff member concerned and the boy. Cases requiring more than ordinary measures are placed in isolation in the Detention Wing of the School. Boys so placed are visited hourly, and when it is felt that they are ready to return to the group, their period of detention is lifted.

Deprivation of privileges has proven effective, as in addition to the regular School programme, there are interesting hikes on Sunday afternoon, trips to the movies, swimming at the Y. etc., the loss of which is severely felt.

Health

Close attention is paid to personal hygiene and development of regular toilet habits. Teeth are cleaned in the morning and before retiring. Each boy has a bath before going to bed. Boys requiring nursing care are placed in the Sick Bay where they are looked after by a registered nurse. All positive T.B. re-actors are x-rayed at the Freeport Sanatorium.

Staff Training

Regular weekly meetings are held at which all staff not on duty are required to attend. These meetings have proved invaluable for discussing problems met with in handling the pupils and for development of more efficient ways of systematizing routine. Experiments tried during the week are talked over and discarded or altered as appears wise. Liaison visits to Bowmanville have been started.

The Head of the Galt Branch is Mr. W. J. Eastaugh, a graduate of Victoria College, University of Toronto. He has the title of Assistant Superintendent. Mr. Eastaugh brings to the School a wealth of experience in boys' work. As a student at Danforth Technical School in Toronto, he excelled in scholarship and in many extra curricular activities. He was active in swimming, track and field, and gymnastics. He is well versed in camping and Indian lore. Mr. Eastaugh taught at the Ontario Training School at Bowmanville and in East York County. After obtaining his Degree, he was taken on the Staff of his old School, Danforth Technical. During the war he enlisted as an Aircraftsman in the R.C.A.F. He saw service in the Coastal Command in Canada, United Kingdom and India, where he piloted Catalinas. He rose to the rank of Flying Officer.

A. R. Virgin,

Superintendent

REPORT OF THE ONTARIO TRAINING SCHOOL FOR GIRLS, COBOURG

April 1, 1945 to March 31, 1946

This year though not marked by any outstanding events gives evidence of progress in the School. The girls continue to receive training in both academic and vocational subjects. A course in woodworking was included this year and was enjoyed by many of the girls who had particular aptitude for this type of training.

We continue to isolate our girls, when first admitted, for a period of one week during which time a complete physical examination is given, as is optical and dental care. Generally the health in the School has been good with no epidemics. Commitments have dropped very slightly in the last year and we are gratified to report that the number of girls returned from placement has decreased in the past year by fifty per cent.

Medical Report

On admission to the School, every girl is given a medical examination by the doctor in charge. During the past year a considerable number of girls have been brought to the school for medical re-checks. A summarized report is as follows:

Girls examined by doctor	232
Smears and cultures	677
Wassermann	236
Urinalysis	50
A.Z. tests	4
Blood sugar	1
Girls pregnant	9
Girls fitted with glasses	39
Tonsillectomy	16
Appendectomy	4
Laparotomy	2
Minor operations and infections	5
Spinal Wassermann	2
T.B. test	90
Chest X-rays	23
Other X-rays	3
Cases of measles	1
Cases of impetigo	6
Eczema	3
Scabies	10
Pediculi	60
Flu	25
Gonorrhoea	38
Syphilis	9
Smallpox vaccinations	9
Diphtheria toxoid	103
Scarlet fever toxin	88
Typhoid vaccinations	97

Dental Work

Examinations	487
Fillings	478
Extractions	89
Partial dentures	4
Trench mouth	1
Prophylactic treatments	10

A number of girls received training as the Nurse's assistant. Usually these girls are able to make use of this training when they leave the school by entering hospitals in various capacities.

Academic Report

Academic studies as prescribed by the Department of Education have been taught from Grades one to eleven. We are grateful to the Public School Inspector and to Cobourg Collegiate Institute for their assistance during the year. The following summary will indicate to some extent our success in this work.

GRADES	1945	SUCCESS	1945–1946
11	....	....	1
10	7	4	5
9	4	2	10
8	31	1 Honours 16 Recommended 13 Passed	30
7	7	7	11
6	6	5	17
5	5	4	8
4	1	1	2
3	1	1	5
2	....	....	1
1	1	1	1

Classes in Commercial training were first started last September as an extra curricular activity and were very popular with the girls. At the new year they became part of the regular course for the girls taking vocational work and a selected group of the High School students. A total of fifty-nine girls have been taking training in this group. The actual measure of success will not be known until the end of the school term.

Vocational Report

The six vocational units have been continued from last year. These are Sewing, Laundry, Household Care, Agriculture, Cooking and General Maintenance.

Sewing

Fifty-five girls attended this class as part of their vocational training while one hundred and three attended the sewing class as part of their domestic science work. The finished articles produced in the class are for general use in the school and include the following:

Dresses	1½ dozen
Slips	5¾ dozen
Nightgowns	13⅙ dozen
Pyjamas	24 dozen
Sheets	⅔ dozen
Serviettes	2½ dozen
Dishcloths	2⅓ dozen
Panties	8 dozen
Christmas gifts	8 dozen
Alterations	4 dozen
Repairs	46¾ dozen

Laundry

Forty-seven girls attended this class during the course of their vocational training although all girls attend the class as part of their domestic science course. The following figures will give some idea of the amount of work accomplished by this class.

Number of articles girls' clothing	24,194
Number of articles staff clothing	1,100
Number of articles cottage linen	10,153
Total	35,447

Household Care

Each girl in the school has a daily assignment of duties to perform as well as caring for her own personal belongings. The housemothers supervise the work of this unit with the object of developing habits of cleanliness and neatness in the care of the home.

Agriculture

The greater part of the work in this unit is carried out during the summer months when Academic courses are discontinued. Care of the lawns, shrubbery, flower gardens, vegetable gardens, and greenhouses are undertaken by the girls in this group. A few of the girls are particularly interested in farm animals and have learned to handle the school horse. Eight pigs were successfully raised.

Cooking

This unit is supervised by qualified dietitians who train the girls in the preparation and serving of meals for the entire school. Sixty-one girls attended this class and in addition to their regular training produced the pickles for winter use and prepared a considerable quantity of jam. This year the girls successfully baked the Christmas cake and plum pudding for the entire school. This was a new venture and was quite successful.

General Maintenance

Nine rooms have been completely redecorated as has the second floor corridor at the McCook residence, while two other rooms have been prepared for redecorating. The girls in this group are taught proper methods of preparing a room for painting, mixing paint, applying paint, applying varnish and stain. They are also encouraged to show good taste in choosing drapes and furniture for various types of rooms. This unit is quite popular with the girls.

Extra Curricular Activities

Religious Instruction

All girls attend Chapel service each morning. Once each week this service is taken by the Minister of the United Church of Canada. During the past year special visits have been made by the Minister of the Baptist Church, the Captain of the Salvation Army and the Inspector of Public Schools. Morning Service is attended alternate Sundays at the United and Anglican Churches.

Special evening classes were held during the past winter for girls wishing to prepare for membership in the United Church of Canada and for those desirous of being confirmed in the Anglican Church. Twelve girls attended the latter class for confirmation in the late Spring and ten girls attended preparatory classes before being accepted as members of the United Church of Canada.

Crafts

A hobby class in crafts and woodwork was inaugurated this past year when the girls renovated and redecorated a basement room in McCook House for a workshop. In this hobby group the girls have repaired curtains, pictures, and furniture. They have re-upholstered and refinished furniture. Their work shop furnished new Christmas tree decorations, new bulletin boards for the entire school, new curtains for their own shop and new bird houses for the grounds. Two of these bird houses were entered in competition in the Northumberland Fish and Game Association contest, both entries being prize winners.

Music

Regular classes in vocal music are held four times weekly and during the year the girls have contributed on the following occasions:

June 1945—Evening Service, Baptist Church, Cobourg.

June 1945— Evening Service, Salvation Army Citadel, Cobourg.

October 1945—Morning Service, Baptist Church, Cobourg.

December 1945—"The Nativity" and "Susanna's Christmas Auction"—Christmas Concert at Cobourg Collegiate Institute sponsored by the local Rotary Club.

Ten girls have been given instruction in piano and two in theory. It is expected five of these girls will be trying Conservatory of Music Examinations. This is the first time we have been in the position to give this training.

Physical Training

The gymnasium completed last year has continued to be of service to both girls and staff members at the school. Regular classes in physical training are given to all groups and the gymnasium continues to be the centre for such special events as the Hallowe'en party, St. Valentine and St. Patrick parties. The Training School Gliders entered a team in both the Senior and Junior soft ball league and while the Senior team was badly defeated in the play off series, the Junior girls were second in their league.

In the early fall a track meet was held which provided great interest and for which cups and trophies were generously donated. Other recreational activities during the year have included picnics at the Lake in the summer, a visit to the Northumberland Reforestation lots, skating both in Cobourg and at Baltimore and tobogganing in the winter.

We wish to express our appreciation for the courtesies extended to the School in the past year by:

The Student Council of Cobourg Collegiate Institute for their invitation to attend "Twelfth Night."

The Catholic Youth Organization, Cobourg, for the invitation to attend St. Patrick's Concert at Cobourg Town Hall.

The Boys' Work Committee, Rotary Club, Toronto for individual Christmas gifts to the girls and also their generous donations of money and decorations to the School.

The Shriners for their special gift of candy for the girls.

The Kiwanis Club, Cobourg, for their gift of Christmas candy for the girls.

We wish very specially to acknowledge the gift of three toboggans presented by the No. 1 Brownie Pack of Cobourg to the girls in the School.

For the donation which permitted transportation for six of the girls to see the Santa Claus Parade in Toronto.

To the Pentecostal Assembly of Canada for the presentation of pictures and accompanying lecture by a Missionary from Africa.

Placement Report

During the year wardship was terminated over 99 girls, bringing the total number of terminations over the thirteen year period since the School was established to 536. The total number of wards in the same period was 901.

Supervision is given to the girls who are returned to the community by Placement Officers located in Galt, Hamilton, London, Peterboro and Toronto. Some indication of the extent of their work is shown in the following summary:

Number of visits to girls	6,327
Homes and jobs investigated	700
Visits to clinics and other social agencies	232
Attendance at court	22
Psychological interviews	37
Lectures	88
Girls under supervision March 31 1946	170
Girls attending school	53
Public school	22
High school	29
Business school or college	8
Girls employed as	
Domestics	51
Factory	33
Office	7
Waitress	4
Store clerk	4
Beauty parlor	2
Farm work	1
Ward aide	14
Others	7
Boarding homes	42
Free homes	4
With parents	28
With relatives	8
Convalescent	2
Whereabouts unknown	19
Institutions	
Andrew Mercer Reformatory	4
Ontario Hospital, Orillia	1
Salvation Army Home	3
Presbyterian Home	1
Mileage	77,555

(MRS.) M. E. PENDER,
Superintendent

REPORT OF THE ONTARIO TRAINING SCHOOL FOR BOYS, GUELPH

April 1, 1945 to March 31, 1946

As will be seen from the Statistical Report for the year ending 31st March, 1946, we started the year with 40 in residence and received 48 from commitments during the year. 6 were returned for violation of parole and 2 because of being unsatisfactory.

During the year under review, 40 were returned home for employment, 11 were released to accept positions, 2 were returned home to assist their parents, 1 to return to school and 2 to boarding homes.

Of the number placed out during the year, viz: 56—5 violated parole conditions and were re-admitted to the school. The conduct of the remainder was satisfactory or better. From these facts it would appear quite safe to assume that the training received by these boys during their stay here has proved beneficial to them, to their parents and to society generally. It is too soon to say that the training and discipline which was a part of their daily life here has been sufficiently impressed upon them that it will remain with them throughout their lives, yet that is our sincere hope and ultimate aim. It cannot be achieved in days or weeks by our present system because the subject is, almost invariably, a wayward youth who has been permitted, through one cause or another, to go his own way without counsel or restraint since birth. He attended school irregularly, if at all, he became insolent and defied his teachers (to be upheld by his parents in so doing), he was encouraged by his parents to be "smart" by their approval of his early impudence, disrespect and insolence, he has in many instances been thoroughly spoiled as a child by extreme leniency, generosity and general irresponsibility on the part of his parents. It is not surprising, therefore, to find the majority of our new subjects arriving at the School with little understanding of the meaning of obedience, much less the necessity for its observance. It is true that this cannot be said of all subjects as a small percentage have been misguided despite the care and attention given by their parents. A small percentage also find themselves in their present circumstances because they were left to their own resources through the most impressionable years of their life, due to the enlistment of the father and the war work of the mother. This latter cause, however, has been too freely accepted as the explanation for what is so readily miscalled "juvenile delinquency." It has been said—and not without merit—that there is no such state as juvenile delinquency and that any delinquency which exists is adult or parental delinquency which results in the malformation of the juvenile character and mind. Parents are in many cases the delinquents and actually responsible for the incorrigibility of their children, who, in such circumstances, can be but little blamed for their law-breaking tendencies and their general outlook on life. They are the victims who are actually paying a penalty for the delinquency of their parents. A parent found guilty of "contributing to juvenile delinquency" by excessive drinking, immorality in his or her home is punishable by law. The law also provides appropriate punishment for a parent who exposes or exploits a juvenile or who neglects to properly provide for or abandons a child, but no provision exists whereby parents shall be held responsible for teaching their children to become good and law-abiding citizens. Such a law would hardly be feasible and would be difficult if not impossible to enforce, besides it would be considered an infringement on democratic principles, consequently the moulding of the child's character must be left to incompetent or wilfully neglectful parents in some instances. During the past winter a number of glaring cases of such neglect were brought to the attention of the public in tragic manner—young children had been left unattended while parents saw fit to go elsewhere. Such tempting of providence is, at the best, harmful and sometimes disastrous. The following two cases will perhaps illustrate the type of parent who must accept the blame for her son's predicament and she is, we regret to say, typical of many:

"X" was a boy whose parents were alive and well. He was given employment and received fair wages. He broke into his employer's home and stole a number of articles. His employer talked with him, did not prosecute and retained him in his employ. Within two weeks the boy again broke into the home and this time stole valuables and money. For this latter offence he was sent here. Subsequently, his employer was given a cheque payable to the boy in an amount which would reimburse the employer for the money "X" had stolen. The employer communicated with us giving the particulars and requested that "X" be asked if he would endorse the cheque in favour of his former employer. On being asked if he would like this opportunity of repaying the money he replied, "No, my mother told me that I wasn't to pay him back because she wants the money herself."

"Y" received the usual advice when recently admitted to the School as to what would be expected of him and what he should and should not do. Like so many others he ignored this and was later found to be in possession of prohibited articles which he admitted had been smuggled to him by his mother during a visit. There can be no question as to whether the mother knew this was wrong as she had been warned not to give him anything but good advice.

We are consistently meeting with such deceit and connivance by parents and it is not always the mother who is guilty. Such bad examples go a long way towards breaking down our attempts at fitting these boys to take their place in society as honest citizens, and yet, if such parents were denied the privilege of further visiting their boys those responsible for this restriction would quickly be referred to as inhuman and unsympathetic. It is obvious, therefore, that not a few parents are responsible for allowing their boy to become a problem and that they are entirely incapable of guiding him or have no desire to have others guide him for them.

It is not suggested that we are entirely without conscientious parents, but it would appear that those who do not take their responsibilities seriously are far in excess of those who do and that the latter are rapidly diminishing in numbers. It is quite apparent that with the normal increase in population and the continued apathetic attitude by the existing percentage of parents, our schools will continue to receive a substantial quota of the population unless some drastic action is taken to impress these parents with their responsibilities. It is a problem, however, which cannot be solved immediately as the parents responsible for those in custody now are too mature themselves to be impressed successfully with any new devices or teachings. Educating all young parents over a period of twenty years on a compulsory basis together with a suitable penalty against the parents for the misconduct of their children is considered essential, if present tendencies are to be remedied.

The routine followed at present is a continuation of what was adopted through force of circumstances brought about by enlistments of members of the School staff. Due to the shortage of personnel it was found necessary to restrict academic training to the afternoon periods only. The mornings are devoted to useful employment out of doors and in this way boys become handy and well developed physically. Evening classes are attended by those desirous of studying for examination, while the remainder are given instruction in physical training and gymnasium work. Organized sports are engaged in by all boys during some part of the day. In the very near future the staff of the School will be increased and it will be possible to classify the students into smaller groups so that the members of each group shall be of the same academic standing. This will provide an improvement in the method of teaching as well as making it possible for the teachers to give more individual attention and assistance.

Academic Report

As the report from the school teacher shows, our school population is about evenly divided between those of normal or better intelligence and those of dull-normal or borderline intelligence. Eleven of the former are presently studying for their entrance examinations with a better than even chance of passing.

The boys commence their day at 6.50 a.m. and except for the normal periods allowed for meals they are fully occupied until 5 p.m. and again from 7 to 8 p.m.

With a view to developing the minds and usefulness of those in the lower intelligence brackets, it is advocated that a hobby shop be established under the guidance of a suitable instructor or instructors. The type of shop envisaged is one in which each boy of this group would be given an opportunity to demonstrate any latent aptitude which cannot otherwise be detected and is perhaps unknown to the boy himself. Once the boy has discovered his ability to make good in any particular line, every encouragement and assistance would be made available towards perfecting his handicraft so that his self-confidence may be built up and he be made more ready to establish himself when his time comes to leave the School. A careful selection of the widest range of possible occupations should be represented in the shop.

It is also advocated that serious consideration be given to authorizing the holding of two or three day camps for those members of the School who are about to be discharged to employment. The boys so privileged would be selected and placed on their honour under the care of one or two members of the School staff. They would live under canvas and be self-supporting. Their time would be usefully employed in visiting places of historic or similar interest and a full programme could be easily prepared. The camp sites would be selected within a radius of say twenty-five miles of the School where medical and other essential services were immediately available. The purpose behind this recommendation is to gradually rather than suddenly have the boy find himself free from discipline and rather rigid restrictions.

Placement Report

Boys under supervision, April 1, 1945		15
Boys discharged to supervision during year		36
Boys released during year	14	
Boys returned to O.T.S. during year	10	
	24	51
Boys receiving supervision April 1, 1946	27	
	51	51

Of the 27 boys under supervision, 19 have had wardship returned to Bowmanville. This would leave 8 boys who are actual wards of the O.T.S. Guelph.

Boys receiving supervision April 1, 1946		27
Boys A.W.L.	7	
Boys in Orillia	1	
Boys in County Jail	1	
Boys employed in:		
Factories	9	
Restaurant	1	
Truck helper	1	
Miscellaneous work	7	
	27	27

EDUCATIONAL DEPARTMENT

High School Entrance Examination Results, June 1945

Seven boys tried their High School Entrance Examinations and the seven were successful, two of them obtaining Honour standing.

Boys Library

On October 14, 1944 we included in the educational programme a separate library for the foregoing boys. Many of the books therein are selected from the list set forth by Department of Education. In addition to these, others are carefully chosen from the fields of adventure, travel, history and fiction. The boys have access to these books for reading in the evening.

Reading Interest

The following is a reading survey taken from the forty-three boys who attend school.

2 or 4.65% read 5 books a week.
5 or 11.63% read 4 books a week.
11 or 25.58% read 3 books a week.
7 or 16.28% read 2 books a week.
10 or 23.26% read 1 book a week.
2 or 4.65% start but do not finish a book.
6 or 13.95% do not read at all.

Books Every Boy Should Read

The five following well-known books which every boy with normal intelligence and academic progress should have read by the time he has reached his fifteenth birthday were used in a survey to find out the scope of each boy's reading. All five are in the library. They are:

Tom Sawyer; Robinson Crusoe; Huckleberry Finn; David Copperfield; Oliver Twist.

Out of thirty-one boys who should have read these books:

20 or 64.53% have read Tom Sawyer.
25 or 80.65% have read Robinson Crusoe.
19 or 61.29% have read Huckleberry Finn.
5 or 16.13% have read David Copperfield.
8 or 25.81% have read Oliver Twist.

Attitudes Towards School Work

Progress varies according to mental capacity, interest, effort and conduct

The boys of below-normal intelligence are the ones who are the problem in a school of this nature. In this level of intelligence we have three distinct types of boys.

The first, have developed within themselves an inferiority complex for which they attempt to compensate in one specific manner. Their desire to be recognized in some superior manner by their mates results in an outlet of mischievous behaviour and they do not act in this manner to be mean with their teachers.

In December 1945, after several trials of combinations, we arrived at an answer to the problem by dividing each class into groups. Each group now consists of two or three boys of almost equal intelligence and academic rating. The slow and retarded boys now feel equal to the others of their group and their mental outlook has changed. Discipline has been reduced to a minimum.

Secondly, we have the below-normal boys who shrink from any attempt to respond to or answer verbal questions. They feel that any answer they may give will be wrong and as a result they will not answer questions within hearing of the rest of the class. Their timidity results in their withdrawing into a shell where they cannot be contacted by any kind of class discussion. Yet these same boys often do well in individual seatwork, hence their effort must be judged, not from their attempt and success in a class discussion, but from their individual conduct, neatness and accurateness in their seatwork. The group system has also worked well with this type of boy, in as much as it has drawn him out of his "shell" and has left him unconsciously exposed to instruction.

Thirdly, are the types of boys who are prompt and decisive in giving test responses, eager to please, and readily interested but, who present an unusual picture of carelessness in their overassurance with tasks which they think easy and in their desire to quickly get over a situation which they size up as too difficult for them.

In the normal intelligence group we have had boys who are equally as difficult to teach as the foregoing below-normal types. At times they are good workers, but are not constant. Their minds change very often. They have a fancy for big books, such as philosophy and psychology. They like very much to study and work problems according to their own choice. They have a seriousness of character unusual to boys of their age group. These boys are annoyed much by their mates but do not seem to respond to this in any antagonistic manner. They want to learn but are very whimsical, and often give a number of reasonable answers. They are diligent when in a good mood, but are quite often in the "blues." They are melancholic, but cannot explain their own state of mind. Their conduct usually is 100 per cent, but progress only fair. Books attract them but games do not.

Taking all of the above as a basis, the following is a fairly accurate attempt at a percentage analysis of interest and effort:

Excellent	3	or	6.98%
Good	8	or	18.60%
Fair	14	or	32.56%
Poor	11	or	25.58%
No effort	7	or	16.28%
Total	43	or	100.00%

The Importance of Organized Games

The compensation for which many boys have been seeking is often found in organized sports. The boy who has scored the greatest number of baskets in a basket-ball game feels that he is now on an equal basis with his mates or even superior to them. He is satisfied, and in his satisfaction that he has found something in which he can excel, he reduces within himself those delinquent thoughts which resulted in his incarceration. Organized sports for these boys is very important.

Mental Analysis

By our Columbia and Army Beta Tests the following is an analysis:

Superior	1	or	2.86%
Normal	17	or	48.57%
Dull normal	12	or	34.28%
Borderline	5	or	14.29%
Mental defective	0	or	00.00%
Totals	35	or	100.00%

The foregoing shows that 17 or 48.57 per cent of these boys are below normal intelligence.

Intentions for the Future

Out of the total of 43 boys who attend school,

17 or 39.53% intend to return to day school upon release from the institution.
11 or 25.58% intend to take up night classes upon release from the institution.
15 or 34.89% will not go to either day or night school upon their release from the institution.

Out of the 15 who will never again go to school, 6 have the opportunity to return to school and 9 have no alternative and must go into the manual-labour class. Of the 9 who must go to work 6 would not return to school even if given the opportunity.

The Importance of the School and Home

Out of the total of 43 boys who now attend school, 33 or 76.74 per cent state that their delinquency originated in irregular attendance at school, followed by a loss of interest in school work and poor parental supervision.

G. Hedley Basher,

Acting Superintendent

REPORT OF
ST. MARY'S TRAINING SCHOOL FOR GIRLS, DOWNSVIEW

April 1, 1945 to March 31, 1946

The year has marked the retirement from office of Sister St. Martin, whose inspiring direction has for the past forty years guided the destinies of St. Mary's, winning for it a worthy place in the world of social re-establishment.

Sister's rare understanding of the many moods of human nature, supplemented by remarkable executive powers, rendered her work among the girls most effective, and as we pen the summary of our year, we realize that what is gratifying therein is but the happy harvest of her fruitful sowing.

In appreciation of this, and of all that her life's labours have meant to the School, we dedicate the little story of our year to Sister St. Martin and are happy to present it to the Department as a tribute of honour to her.

The year began with an enrolment of 102 which increased steadily to the present total of 118. The newcomers are for the most part true to type, generous and impulsive. From the standpoint of outlook they may be classified in two main groups. There are those who view the deplorable conditions which have surrounded their tender years as the normal way of life, and have settled down to what they consider the inevitable. They present a wall of moral indifference which it is difficult to pierce. There is another group who bitterly resent the apparent success of the social disorders which have contributed to their delinquency. They cherish a grievance against society which is manifested in an attitude of contempt for authority. While these are inclined to be rebellious at first, they are usually trainable and can be brought to see that they as individuals can secure the triumph of good in themselves and in others.

Parole work, due to the complexities of our times, presented many surprising angles. The girls have made a creditable showing on the whole, though several have had to be returned to the School. Parole work abounds in curious problems.

The general health has been good, being kept up to standard by a monthly check-up on each girl. The Dentist devotes a half-day each week to the needs of the School. We have recorded one appendectomy and twelve tonsillectomies. Tuberculin tests, supplemented in twelve cases by X-rays, revealed no distinctly positive results.

Success was achieved in the academic classes, and sixteen High School entrance certificates were obtained. The Commercial course is exceedingly popular, the more so as these present times offer excellent opportunities for office employment. The Home Economics course also makes a strong appeal, and the girls enjoy keeping house in the modern home-making apartment. Interest in fancy sewing was stimulated during the year with very satisfactory results, and several fine exhibitions of their work were arranged by the girls.

The young ladies of the C.Y.O. of Toronto took charge of the Physical Training activities for the year, and an attractive programme of sports and games was carried out with enthusiasm.

Free time at St. Mary's is devoted largely to choral work and dramatics in which the girls take great delight. We have now in residence a number of very small girls ranging in age from nine to twelve. These children have been formed into a junior choir. The pleasing innovation has achieved remarkable success, and the senior choral group realise that they must now look well to their laurels. During the year the Glee Club arranged several fine plays and operettas, thus providing a much appreciated form of entertainment. The talkies are also ever popular with the girls, and we have been fortunate in securing several excellent productions.

Victory Day brought tears as well as smiles to Downsview. Many mourned the loss of dear ones overseas, while others were happy in glad thoughts of safe homecomings. Academic classes were in session when the news of peace arrived. The High School class received the announcement first and at once began the recitation of the Rosary in thanksgiving. As the good word passed from room to room, each class joined in the prayer of thanks. School was "out" for the remainder of the day, and holiday spirits reached their climax in a rousing Victory concert given in the evening.

As spring advanced, the call of the fields became strong, and hoes and rakes stepped forth from winter quarters. Vacation months were filled with summer charm, our rustic pursuits extending to orchard, lawn, meadow and woodland. Enthusiastic farmerettes went daily forth across the fields in groups large and small. Clad in garden smocks and shouldering a variety of farm implements, they were a pleasant sight as they trudged merrily through the meadows to the gay tune of the latest song hit. A two-acre victory garden in a corner of the spacious play-ground did credit to the enterprising spirit of the girls who were not assigned to fields afar. The season's activities resulted in good crops of grain, turnips, carrots, corn, cabbages, beets, tomatoes and onions. Although potato crops have not been good throughout Ontario, a fair yield rewarded our anxious digging. The orchard produced a gratifying harvest of pears and apples.

The farm has proved itself a land of heart's content for the girls, who pay delighted visits to horses, cows, pigs, chickens, baby bunnies and the baby crow. A goat has recently come to make its home on the premises. Needless to say, Nanny is a popular pet, and as goats are goats, we look forward to adventures amusing and amazing.

During the summer months the Downsview kitchen becomes the scene of a busy canning industry. Sugar rationing this year, however, proved too strict to permit the usual amount of preserving.

The last three days of August were spent in Retreat, during which the girls gave serious consideration to the worth-while things of life under the direction of an experienced and enlightened spiritual guide. Thus the waning summer passed peacefully away, and September school bells rang forth for the Fall enrolment. The response was enthusiastic as the girls for the most part appreciate the opportunities afforded by the academic courses.

As the history of our year now draws to closing and we view the happy expansion of our work, we thank God for the unfailing assistance and kindly interest of the Department and the Advisory Board with whom it has been a pleasure and a privilege to work. We would express our sincere appreciation also of the cordial and generous co-operation of the numerous social agencies which are our co-workers in the task of reconstruction.

We have the honour to remain your obedient servants,

THE SISTERS OF THE GOOD SHEPHERD

REPORT OF
ST. JOHN'S TRAINING SCHOOL FOR BOYS, TORONTO

April 1, 1945 to March 31, 1946

Since our last annual report St. John's Training School has passed the half century mark, which event was fittingly celebrated in the School last autumn. St. John's was established in 1895 by the late Most Reverend John Walsh, Archbishop of Toronto. The first boy was admitted December 10, 1895 and since that time over 3,000 boys have passed through the school.

To those who have laboured with these boys and to all those who have been in any way connected with the school down through the years, it is most gratifying to know that a pleasingly large percentage have done well, and established themselves as useful and respectable members of society.

With the passing of the Golden Jubilee of St. John's much attention is being given to the establishment of the school on a new site with modern buildings and with increased and improved facilities. His Eminence, the Most Reverend James C. Cardinal McGuigan has been the prime mover in these plans which are gradually taking shape and which within a reasonable period of time should result in a completely new development.

The prospects of a new location and a new school are welcomed by all who are concerned with the welfare of the boys, especially by the staff whose admirable and zealous efforts have been too long hampered by lack of adequate space and conveniences as well as by outmoded buildings.

However, despite the handicaps under which we have been obliged to labour in the past, the work of the school has maintained its usual high standard of efficiency, which fact is borne out by reports of successive Grand Juries and Inspectors.

The academic work in the classrooms has again this year won favourable comment from our Inspector, Dr. John M. Bennett, a sincere friend of the school and also a member of the Advisory Board. Dr. Bennett visits the School regularly and displays at all times a sympathetic understanding of the boys and their problems.

The Shop activities hold a large place in the life of every boy at St. John's and provide an admirable interest for the majority. Frequently one or more of these activities opens the way to a boy's future career, giving him a definite aim in life, and is no small element in the beginning of his rehabilitation into the right path towards becoming a useful and decent member of society. Only shortage of space and finance prevent us from enlarging these activities which in our new proposed development will have greater consideration.

In our Placement department we were fortunate in having Brother Cyril appointed as Placement Officer, to succeed Brother John, who retired in September 1945 after fifteen years of efficient and faithful work in placing and visiting the boys of the School. Brother Cyril, former Superintendent of

St. John's for nine years, brings to his new post a great fund of experience. His knowledge of the School, of the character of the boys, and of the essential requirements of a foster home are invaluable assets to him in his new work.

The Spiritual Welfare of the boys is always of a major concern to the school management. Apart from our resident Chaplain, we have the distinct and unique advantage of regular visits from the Reverend Father Henessey, S.J. The influence of this priest is incalculable. He has won the confidence of the boys and his charity and zeal know no bounds. The boys have the opportunity of attending the Holy Sacrifice of the Mass every day and of frequent reception of the sacraments. Every care is taken to inculcate into the minds of our young charges the importance of living up to the obligations of their religion both in school and in after life. A boy who attends conscientiously to his religious obligations and perseveres therein will not go far astray in after life.

Perhaps one of the greatest assets St. John's possesses is its athletic facilities. Brother Damian, popularly known among the boys as "Coach" has been on the staff for many years and has developed a sports training schedule of which we are justly proud and which, more than any other single activity, has contributed to the development of beneficial character traits among the boys. Boxing, Baseball, Hockey, Lacrosse, Handball, Swimming, Track and Gym work are all part of his curriculum of sports.

Two weeks at the beautiful and modernly equipped De La Salle Camp at Jackson's Point were enjoyed last September by the entire School personnel and offered a great opportunity not only for a change of environment, but also for many and varied activities. This has become an annual event to which the boys look forward with eager anticipation.

The usual good health of the boys has been maintained this year as in the past. Apart from the common run of minor ills there is nothing of a startling nature to report. The school physician, the nurse, the dentist, all have done a splendid job in caring for the boys in this all important feature of health and this devotion has been rewarded in the results obtained.

The discipline of the school has been maintained on a high standard, thanks to the solicitude of our ever devoted Prefect Brother Harold, who possesses a watchful eye and in whom is blended to an admirable degree those qualities of firmness, justice and kindness, so essential to the proper fulfilment of his duties.

To the Officials of the Department, to the Staff of the School, and to those who are planning our new development we express sincere appreciation and trust that their efforts will continue to bear fruit in this all important work of reclaiming those who come into our care.

Brother Francis

Superintendent

REPORT OF
ST. JOSEPH'S TRAINING SCHOOL FOR BOYS, ALFRED, ONTARIO

April 1, 1945 to March 31, 1946

Through the past fiscal year the population of the School has continued to tax our capacity to the full. The number of pupils on March 31 was 126, and the daily average for the year was 129. The new commitments numbered seventy, an increase of seven over 1944. The boys returned from parole were about the same number: twenty-four, and twenty-two the previous year. The average stay of each ward at the School was eighteen months, a decrease of one month over last year's average and a considerable decrease over the results of the previous years. In some cases, the School training is short because the child's only real need is transplanting to proper home conditions. The stay in other cases is of varying length according to the training needed, rarely exceeding two years. Most are eventually returned to their own homes, but some require several placements before success is reached, and in some cases there are a few who seem to be failures, despite our ingenuity and solicitude. However, we still think that our training or education is a worth-while contribution to their welfare.

Health Report

An essential feature of re-education and one most tangible in its results is the health of the boys confided to our care. Hence the necessity of frequent and meticulous examinations by our house physician, Dr. Titley. Moreover, those visits have sometimes to be supplemented by other visits to clinics and hospitals in order to succeed in restoring the boy's health when it is not up to standard. In this connection the following tabulations are presented. Contrary to what took place in the past, we had many cases of contagious disease. In fact, in November and December eighteen boys were sick with diphtheria; they were quarantined and treated at the School clinic. One boy died from heart disease at the Hawkesbury Hospital while under treatment there. We were fortunate in having the services of Dr. Titley for ten years. He has been so generous with his time and services, that we would have liked to keep him with us, but he had to leave to accept new duties in the City of Eastview, near Ottawa. We gave him a farewell party in which the boys themselves were glad to participate.

Health Summary

Pneumonia	2
Diphtheria	18
Sore Throats	40
Eye tests	42
Mumps	8
Scabies	10
Treatments at the Clinic	2,893

Dental

Number of patients at clinic	288
Number of fillings	50
Number of extractions	156

Our Dental Clinic is served by Dr. H. H. Kerby, from Hawkesbury, who for many years has worked devotedly in that capacity. We are quite satisfied with his excellent work.

Added Material Facilities

The year recently ended witnessed gratifying material growth, by the addition of a spacious fireproof building erected during the second half of 1945, and not yet dedicated. This new house is due to the munificence and generosity of the Christian Brothers who thus showed their willingness to provide the School with ample material facilities for giving the boys a good, modern, vocational training.

These additional accommodations have been greatly delayed due to priorities, lack of material and workmen. But still the contractors did the best they could, and acted in such a way that the work was not long interrupted, except around Christmas, when it was discontinued for two weeks. At times from twenty to thirty boys helped around in cleaning the floors, carrying the cement forms and pulling out the nails, and specially at the electric system.

This building extension could not be built in sandstone as the Main Building, as we would have liked, but with the ordinary bricks. It is twenty-two feet high, with two floors and a basement at each end. On the first floor is the showshop with office and sample room, as accessories. Then the laundry with two drying rooms and one soiled linen room. Next comes a woodwork class with a hardwood floor, and a large woodwork shop, including the Instructor's office, the paint room, a space reserved for drying wood, with a basement for chips and shavings, the stairway and tool shop. On the second floor will be the tailor shop, the printing and binding department, and twenty-three rooms for the members of the Staff.

The following tabulation will give an idea of the scope of the material improvement undertaken:

Shops' building	$152,000
Septic tank	8,000
Water system	10,000
Swimming pool	1,000
Coal bin	1,000
Repair to boilers	1,400

The new water system will have a capacity of 40,000 gallons of water a day, with a hundred pounds' pressure. The water will be pumped through a four-inch main pipe and distributed to all departments, thus doing away with the former means of water supply which was not altogether satisfactory.

The Sewage Disposal System was also greatly improved by the construction of the septic tank which will receive by gravitation and will dispose of all the sewage and waste waters from all sources.

Education

Due chiefly to our large and rapid intake, especially during the fall semester, we were obliged to revise teaching schedules and class groups occasionally.

This was done after studying each case. Thus we ascertained the proper capacity of each and the results in both academic and vocational placements were most gratifying to teachers and pupils alike.

On the whole the teaching year was happy and cheerful and the Entrance Examinations gave satisfactory results. The academic staff personnel was changed during the year. Two members who obtained leave of absence were replaced. The course of study was followed closely in the four rooms. Visits of inspection were paid by the local inspector who reported encouragingly on the work done in this department. As we were fortunate in having clever teachers of singing and elocution, regular periods were daily devoted to those two interesting subjects. Monthly variety programmes were held. These revealed the usual amount of talent which were made use of on festivals and on reception days.

Two boys in grade nine went to the village school, where they were taught along with several boys of the same grade. As all the other students who passed their Entrance Examinations last year were sent out on placement, we found it convenient to adopt this plan and it worked well.

Four times we put our Assembly Hall at the disposal of the local school authorities for their school concerts and entertainments.

During the past year there has been an increase in the circulation of library books. A great stimulus for reading has apparently been created. 4,614 books were read by the boys: Twelve read sixty books each, and forty others, thirty. The library put at the disposition of all those who wished the following periodicals: 250 "Topic," 600 "Heroes All" and 250 "Catholic Messenger." We bought 30 story books for the lower grades (1 to 4). At Christmas three ex-pupils sent six volumes to the school librarian, and a friend of the institution, fifty.

A successful Summer School was organized during July and August for those boys not going to the camp. This included class work for an hour and a half and organized games on the campus, with, at times, a special programme including contests and treasure hunts held frequently.

Moral Training

Religion should hold an important place in the life of every boy, especially in the lives of those who for some reason or other have failed to live up to certain formal standards. We certainly agree with those who say that delinquency is fundamentally a moral problem and the influence of religion is considered paramount in solving it. And generally speaking, the rehabilitation of boys is not usually accomplished unless great care is taken in their spiritual education.

In addition to the daily period in moral and religious instruction, the teaching staff generally sees to it that the boys confided to their care, get well acquainted with the fundamentals of good and proper living. The Prefects, teachers and the guidance staff in general, lose no opportunity of calling attention to the necessity of the boys' daily life in accordance with the principles and practices inculcated during the formal lessons in religion.

In March, we organized a special retreat for all the pupils of the school. We had two missionaries, who conducted the services and delivered the sermons one in French, the other in English; the boys were free to choose the language they preferred. As usual, we gave a weekly lecture to the whole school, presided at four entertainments during which the examination results were proclaimed publicly in the presence of the boys, the staff and a few invited friends.

We are greatly indebted to Rev. Father S. Grenon for his devoted and intelligent spiritual care. Father likewise supplements his general instructions by having private, informal sessions with any boy desirous of seeking advice on matters relative to his own spiritual difficulties or those which emanate out of family situations. The boys likewise benefit from the many instructive talks delivered to them by Father at such times as the May and October devotions, the First Friday and other religious services.

Thus our religious programme is planned and arranged to meet the needs of our boys. It is our sincere hope that after having followed such a programme, they will return to society strongly imbued with a desire to be faithful to their duties to God and neighbour.

Occasionally the boys perform their morning and evening devotional exercises in the dormitory. For that purpose each boy is given a book printed at the School. and kept at the disposal of every lad to be used whenever he wishes.

Physical Training

Our programme in physical education was built up with a view to meet the requirements of our special kind of school. Instruction and organization are so applied that each boy finds learning and competition at that level which is best suited to his capabilities. As he progresses, there are definite steps which provide an ever increasing incentive.

The same general practice of dividing the boys into two main groups for training and recreation has been continued with success.

The Cadet Corps groups 120 boys. One member of the staff is Chief Cadet Instructor, with certificate obtained after following a regular training course during the summer time. Classes in military drill are held twice a week, at regular periods of an hour each. On May 22, 1945, Captain Craig and Major W. J. Holmes made their annual inspection at the school and showed their satisfaction with the work done, especially with regard to P.T. Eleven boys got their Semaphore Certificate in June; five, the Senior Morse Code Certificate and two, the Advanced Morse Code Certificate.

The Senior boys were invited to give gymnastic displays in: Ottawa, Brownsburg, Fournier and Montreal.

As usual in winter, hockey was the most favourite sport with the boys. One fact worthy of note about this, is the expediency used by the lads to get hockey sticks. As we could not get the number of sticks we wanted, the boys repaired the broken ones when this could be done, to relieve the situation and keep the school well provided.

The Speed Kings belonged to the Alfred–Plantagenet League and made a good showing. Two rinks were at the disposal of the School and they were considered the best not only in Alfred, but in the surrounding towns as well. They were always well kept, ice in good condition, and well lighted. After the regular schedule, the boys played with the best teams of the villages around: Plantagenet, L'Orignal, Chute-à-Blondeau, St. Eugène.

Perhaps we could attribute to the close co-operation between the superintendent and his associates, and also to the good spirit created in the school by our emulation system and the supervised plays and games, the surprising fact that we had no desertion to report to the Department during the year.

In the spring of 1945 our cement swimming pool was put out of condition by the spring freshets which disintegrated the sand around the cement walls, causing them to collapse under the pressure of 300,000 gallons of water. Hence the necessity, in the hot days of summer to take the boys to a near-by pond, in truck, to give them the occasion of taking their regular swim.

Hobbies and Other Activities

As the hobbies serve to occupy a boy's leisure time, no pressure is exerted on him to join this or that club. Generally, boys of the same taste and disposition band together and work away at the same occupation, but in most cases, a hobby is an individual matter, as cartoon-drawing, airplane building and wood-working.

Occasionally a moving-picture programme is shown to the boys especially on Saturdays and on rainy days, when out-door games cannot be indulged in. We are also fortunate in having a representative of the National Film Board come to the institution, at least once a month, to show the boys all kinds of educational films. Although the active games occupy much of the time of the boys, games of skill also prove attractive to them. Games frequently played on quiet evenings are: checkers, chess, jigsaw puzzles and quiz games.

Camp

As usual, most of the boys spent from two to three weeks at our summer camp at Pointe au Chêne. The campers were sent in groups, numbering from twenty-five to thirty at the same time during the two summer months, July and August. As only those of the Honour Section were permitted to go, and most of the boys wished to go, the teachers and supervisors used this incentive to get the boys to be more studious and more dutiful. Their favourite occupations when at the camps were: boating, fishing, swimming, fruit-picking and hiking in the Laurentides.

In June the boys helped in the construction of three new camps and in the enlargement of the boys' dormitory, thus supplying the camp with ample room for all the campers.

Visits and Celebrations

As it was said before, the boys were given regular singing lessons, and were trained to appear in public with ease, poise and success; and a good many of them have given of their talent, especially on the following occasions:

April 18, 1945. Visit of the Board of Directors of the French Ontario Association of Education.

April 27, 1945. Reception to His Lordship the Mayor of Ottawa and Council. Mayor Stanley Lewis, replying to the boys' Welcome told the students they were "good citizens." "The School is one of the best run in Canada, and we are proud of it," His Worship added.

May 3, 1945. Celebration of the Centenary of the Grey Nuns of the Cross.

Nov. 15, 1945. Visit of the Cornwall Juvenile Welfare Committee: twelve members came to see the boys.

Dec. 25, 1945. Christmas tree Celebration, with an elaborate programme in which several members of the staff participated.

Jan. 7, 1946. Visit of the Hawkesbury Rotary Club. The boys gave two programmes, one in the Assembly Hall, the other in the Gymnasium.

March 17, 1946. St. Patrick's Day and June 24, St. Jean-Baptiste, feast of the French Canadians.

March 18, 1946. Feast of the Rev. Chaplain, and Confirmation of twenty-one boys.

October 2, 1945. Visit of the Ontario Training Schools Advisory Board. Here is the programme of the reception:

1. O Canada!
2. Introduction of our distinguished visitors to the staff and pupils by Brother Jerome, Superintendent.
3. Song: "Carry on," by the Second Division.
4. Recitation in French: "Le Faux Malade," Grades 1, 2, 3, 4.
5. Song: "I've Got Sixpence," Senior Boys.
6. Chant: "Hirondelle," by the Juniors.
7. Recitation: "Abou Ben Adhem and the Angel," By Albert Vallée.
8. Song: "MOTHER" by all the Boys.
9. A few words from Mr. Chairman, Dr. E. P. Lewis.
10. "God save our King."

Vocational Report

Distribution per shop:

Culinary	33
Garden and Horticulture	20
House maintenance	169
Printing shop	7
Laundry	12
Shoeshop	27
Tailor shop	8

Tailor Shop

The Tailor Shop is still temporarily organized in one of the classrooms. Due to the lack of space, we could give this training to a relatively small number of boys, but we shall soon come back to our former number.

They made:

Suits	250
Pants	228
Handkerchiefs	216
Nightgowns	220
Table cloths	18
Napkins	180
Aprons	84

They mended:

Pants	8,616
Shirts	2,640
Nightgowns	384
Sheets	108
Sweaters	912
Underwear	616
Socks	4,880

The School bought 175 cadet uniforms which are kept and looked after in the tailor shop. The boys and Instructor made 180 patterns of all kinds as the others were burned in 1944. Most of the boys like to work in the tailor shop; they generally asked to be admitted, and once in the group they boast of it. About a day and a half is devoted to repairs, the rest of the time being used in making new articles. The apprentices work five hours a day except on Wednesdays and Saturdays. The work is done in series, each boy doing a part of the article.

We spent $3,701.00 for machines of all kinds to provide the shop with up-to-date machinery as can be easily seen by the following table:

Sewing machines	8
Darning machine	1
Basting machine	1
Trimming machine	1
Pressing machine	1
Button-hole machine	1
Straight-knife machine	1

Shoeshop

This department occupies temporarily the west side of the First Division Recreation Hall. As last year, most of the time was devoted to repairs, although some articles were made to order.

Made:

Shoes	60 pairs
Boots	20 pairs
Balls	30
Hockey pads	6 pairs
Baseball protectors	4
Wrist bands	80

Repaired:

Boots, rebuilt	160 pairs
Boots and shoes	350 pairs
Braces	40
Mittens	140 pairs
Baseball bases	4 sets
Baseball gloves	15
Balls	38
Mattresses	8
Skating boots	125 pairs
Skates, sharpened	1,100 pairs

Printing

This department was organized in the Junior Recreation Hall and was much handicapped, due to lack of space. However, the Instructor and his three helpers printed circulars, envelopes and prepared special sheets of drawing papers. All the work was done for the school use.

Farming and Horticulture

Due to an excess of rain, the general farming conditions were rather poor; and at places, the sowing had to be done twice. The potato crop yielded about half the usual number of bags. However, the grain and vegetables were well up to the average.

FARM

Products:

Potatoes	1,000 bags
Cabbage	204 bags
Hay	70 tons
Straw	40 tons
Turnips	25 tons
Ensilage	125 tons
Grain	1,600 bushels
Onions	1,000 pounds
Milk	12,399 gallons

Canned:

Beans	140 gallons
Tomato juice	467 gallons
Tomatoes	485 gallons
Corn on the cob	45 gallons
Corn	38 gallons

We sold two horses for $150.00 and bought two others costing $410.00. We also bought a new canning machine. One cow was slaughtered and the meat, 491 pounds, used in the kitchen. 20 boys got experience in doing all the work on a farm and, in the summer season, 120 others came around to help pick the potato crop and garner the grain.

The sugar season was good, with 122 gallons of maple syrup. Sixteen parties came to the log cabin to enjoy the first sweetness of the maple and make immediate contact with our Eastern Canadian spring. Among the most distinguished men that honoured the School on this occasion, was His Worship Mayor Stanley Lewis of Ottawa, and his Council.

The boys themselves were permitted to go to the log cabin at least once during the season. In groups of twenty to twenty-five, they were helped with a good substantial meal with the addition of pancakes, maple syrup and taffy.

HORTICULTURE

The Horticultural Department is responsible for the care of grounds and greenhouse work. As the grounds are fairly extensive, they require considerable work during the summer season. The boys have to cut the lawns, to trim the perennial borders, to plant out the flower beds and keep them in order.

Several thousand annual flower plants for bedding purposes were started in the greenhouse during the late winter and spring season. They all required to be transplanted twice: once in the flats and then into the open ground. Thus the boys got good practice in transplanting, and setting out plants in the beds and borders.

Placement Officer's Report for 1945–46

Number of visits to boys	441
Boys placed on farms	21
Miscellaneous positions	8
Boys returned home to attend school	11
Boys receiving supervision at beginning of period	74
Boys receiving supervision at end of period	101
Boys returned to the School during the period	17
Letters written to boys during period	112
Our former boys enlisted during the war	254
Casualties (army)	14

In conclusion may I take this opportunity of thanking all those who in any way have helped us in our difficult work of readjustment. I would like to mention especially: the Training Schools Advisory Board for their judicious advice; Mr. Neelands and staff; also the members of the different Associations devoted to the welfare of the young; as, the Ottawa Family Court, the Sudbury Juvenile Court, the Ottawa Notre Dame Benevolent Association for the Young, Police Headquarters, Members of the Children's Aid Society all around the Province, and the Parish Priests with whom the School came in contact for the welfare of the boys.

BROTHER JEROME,

Superintendent

STATISTICAL REPORT

TRAINING SCHOOLS ADVISORY BOARD

April 1, 1945 to March 31, 1946

NUMBER OF CASES REVIEWED

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
Designations	59	81	76	88	194	52	550
Applications for Admission Recommended	8	16	3	1	2	......	30
Applications for Admission not Recommended	......	1	2	......	......	......	3
Returns from Parole	18	42	18	40	115	7	240
Paroles Recommended to Minister and Made Effective	89	139	110	275	550	62	1,225
Paroles Refused	20	12	12	17	16	15	92
Placement Reports	61	282	157	246	844	22	1,612
Attendance Reports	206	326	238	168	32	20	990
Terminations of Wardship	32	107	36	105	206	19	505
Terminations Refused	......	......	......	2	1	2	5
Deaths	1	......	1	......	......	......	2
TOTALS	494	1,006	653	942	1,960	199	5,254

Number of meetings held 52

Average number of cases reviewed at each meeting 101

TRAINING COMMITTALS

For Year Ending

	Committed by Court	Admitted by Application	Transf'd on Order of Minister	Total	Male	Female	City	Town	Township	Ages 6	7	8	9	10	11	12	13	14	15	16 and over
Algoma District	5			5	3	2	2	1	2						1	1	1	2		
Brant	4			4	1	3	3		1						1		1		2	
Bruce																				
Carleton	29		2	31	24	7	28		3					4	3	1	6	8	7	2
Cochrane District	17		1	18	14	4		16	2					1	4	2	3	5	2	1
Dufferin			1	1	1				1										1	
Elgin	3			3	2	1	3									1	1		1	
Essex	32		4	36	24	12	28	3	5					1	5	2	4	3	21	
Frontenac	6			6	5	1	6							1			1	1	3	
Grey	5			5	4	1	4	1										2	3	
Haldimand	4			4	3	1		2	2									2	2	
Halton	5			5	5			5						2				1	2	
Haliburton																				
Hastings	8		1	9	9		3	6					1	1	1	1		2	2	1
Huron	2			2		2		2										1	1	
Kenora District	5		2	7	5	2		5	2							1	1	2	1	2
Kent	5			5	4	1	2	2	1						1	2		1	1	
Lambton	9			9	4	5	6		3						1	1	2	2	3	
Lanark	2			2	1	1		2									1		1	
Leeds–Grenville	9			9	5	4		7	2					1			2	3	3	
Lennox–Addington																				
Lincoln	7			7	6	1	6	1										2	5	
Manitoulin Island																				
Middlesex	6	1		7	2	5	7								1	1	2	1	2	
Muskoka District	4			4	3	1		2	2									2	2	
Nipissing District	13			13	8	5	9	1	3						1	4	3	1	4	
Norfolk	2		1	3	3			1	2								1	1	1	
Northumberland & Durham	2	1		3	3			2	1			1			1			1		
Ontario	11		1	12	10	2	4	6	2									8	4	
Oxford	1			1	1			1						1						
Parry Sound District	1			1	1			1										1		
Peel	1			1	1			1							1					
Perth	4			4	4		3	1										1	2	1
Peterboro	5			5	2	3	4		1			1						2	2	
Prescott–Russell	4	1		5	4	1		1	4						1	1		3		
Prince Edward	4			4	1	3		2	2				1				1	1	1	
Rainy River District	2			2		2			2							1		1		
Renfrew	9		1	10	9	1		7	3							1	1	5	2	1
Simcoe	5		1	6	5	1		6								1	2	1	2	
Stormont, Dundas & Glengarry	11	1	1	13	12	1	9	1	3					1			3	4	4	1
Sudbury District	25	1		26	15	11	21	1	4				2	2	1	1	9	3	8	
Temiskaming District	9		1	10	7	3		5	5	1						2		3	4	
Thunder Bay District	7			7	5	2	6		1					1			1	2	3	
Victoria	3			3	3			3							1				2	
Waterloo	26			26	22	4	16	3	7			1		2	4	4	3	6	6	
Welland	9			9	8	1	2	4	3				1				1	2	5	
Wellington	5			5	4	1	5					1		1		1			2	
Wentworth	50	1	1	52	43	9	50	2				2	1	2	5	2	5	13	22	
York	115	16	8	139	97	42	114	3	22				4	2	11	17	20	41	41	3
TOTALS	491	22	26	539	393	146	341	107	91	1		6	10	23	44	48	75	140	180	12

SCHOOLS AND ADMISSIONS
March 31, 1946

	Ward of C.A.S.		Others		Cause of Committal or Admission									
	Parents Married	Parents Unmarried	Parents Married	Parents Unmarried	Armed Robbery	Arson	Assault	Break and Enter	Immorality	Incorrigibility	Theft	Truancy	Vagrancy	Wilful Damage
Algoma District		1	4					1		2		1	1	
Brant			4					1		3				
Bruce														
Carleton	1		29	1			1	4		6	15	5		
Cochrane District		1	17				1	8		6	3			
Dufferin			1							1				
Elgin	2		1					1		2				
Essex	2		33	1		1		3		22	8	1	1	
Frontenac			6					1		1	2	1	1	
Grey			4	1			1			2	1		1	
Haldimand		2	2								3	1		
Halton			4	1				1		2	2			
Haliburton														
Hastings	1		6	2					1	5	2	1		
Huron			2							1	1			
Kenora District	1		6				1	1	1	3	1			
Kent			4	1						3	2			
Lambton	1	1	7					1		5	2	1		
Lanark			1	1						1	1			
Leeds–Grenville	2		6	1		1		2		2	1	2	1	
Lennox–Addington														
Lincoln	1		6					1		1	5			
Manitoulin Island														
Middlesex	1	1	4	1						4	3			
Muskoka District			4					1	1	1	1			
Nipissing District		2	10	1						10	2	1		
Norfolk			3							1	2			
Northumberland & Durham			3					1		2				
Ontario			12					4		4	4			
Oxford			1					1						
Parry Sound District	1											1		
Peel			1							1				
Perth			4					1		1	2			
Peterboro			5							5				
Prescott–Russell			5					1		2		2		
Prince Edward			4							2	1	1		
Rainy River District	1		1							2				
Renfrew	1		9					2		5		1	1	1
Simcoe	2		4							4	2			
Stormont, Dundas & Glengarry	1		12							4	8	1		
Sudbury District	5		20	1				4	1	15	5	1		
Temiskaming District	1		9					1	1	5	2			1
Thunder Bay District			7					2		2	3			
Victoria	1		2							1	2			
Waterloo	1		23	2				5		8	12		1	
Welland			9			1		2		4	1	1		
Wellington	2	1	2					2		3				
Wentworth	3		48	1			1	7		16	20	7	1	
York	10	5	118	6	1		1	28	2	63	34	6	4	
TOTALS	41	14	463	21	1	3	6	87	7	233	153	35	12	2

SUMMARY OF ATTENDANCE IN TRAINING SCHOOLS

April 1, 1945 to March 31, 1946

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
Number in Residence, April 1, 1945	102	138	139	99	34	40	552
New Commitments or Admissions	61	79	70	85	196	48	539
Returned from Parole:							
Violation of Parole	5	25	6	30	37	6	109
Not Satisfactory	6	5	4	12	7	2	36
Services no longer required	......	2	7	1	......	......	10
Pupils Dissatisfied	......	5	1	1	3	......	10
For Replacement	......	3	5	2	30	......	40
For Further Training	8	3	1	4	3	......	19
Court Order	......	......	......	......	6	......	6
Returned from A.W.L.	......	27	2	27	127	......	183
TOTALS	182	287	235	261	443	96	1,504
Number of Placements:							
Returned Home for School	1	31	17	9	8	1	67
Returned Home to Assist Parents	......	......	5	5	2	2	14
Returned Home for Employment	17	34	42	8	10	40	151
To Boarding Home	10	20	11	47	176	2	266
To Positions (Farm, Factory, Domestic etc.)	28	25	27	53	143	11	287
To Other Institutions	8	4	3	13	16	5	49
Number A.W.L.	......	35	3	29	3	......	70
Number Died	......	......	1	......	......	......	1
TOTALS	64	149	109	164	358	61	905
Number remaining in Residence, March 31, 1946	118	138	126	97	85	35	599

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
Number remaining out for whole year	50	95	84	97	202	56	584
Number placed and returned during year	14	19	21	25	153	5	237
Placed out in previous years and returned during present year	5	24	3	22	60	3	117

RETURNED FROM PLACEMENT DURING YEAR

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
After one placement	19	33	21	19	88	4	184
After two placements	......	9	3	14	53	1	80
After three placements	......	......	......	5	29	......	34
After four placements	......	......	......	1	21	......	22
After more than four placements	......	1	......	8	22	......	31
TOTALS	19	43	24	47	213	5	351

NUMBER OF COURT APPEARANCES PRIOR TO COMMITMENT OR ADMISSION

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
None	41	6	22	36	63	4	172
One	14	20	15	29	50	11	139
Two	5	17	14	12	37	13	98
Three	1	18	9	6	20	7	61
Four	....	10	6	1	10	5	32
Five or more	....	8	4	1	16	8	37
TOTALS	61	79	70	85	196	48	539

NATIONALITIES OF PUPILS COMMITTED OR ADMITTED

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
Indian	1	1	1	3	1	....	7
Hebrew	....	....	....	2	....	....	2
Negro	....	....	1	....	....	....	1
Canadian	60	76	40	62	192	46	476
Irish	....	....	16	2	....	....	18
English	....	....	7	7	....	....	14
Scotch	....	....	....	2	....	....	2
American	....	....	....	1	1	1	3
Other	....	2	5	6	2	1	16
TOTALS	61	79	70	85	196	48	539

SCHOOL ROLL AND COMPARISON

	Bed Capacity	In Attendance March 31, 1942	In Attendance March 31, 1943	In Attendance March 31, 1944	In Attendance March 31, 1945	In Attendance March 31, 1946
Ontario Training School for Girls, Cobourg	91	99	54	84	99	97
St. Mary's Training School for Girls, Toronto	124	89	96	93	102	118
St. John's Training School for Boys, Toronto	150	144	142	145	138	138
St. Joseph's Training School for Boys, Alfred	140	121	103	115	139	126
Ontario Training School for Boys, Bowmanville	94	25	24	28	34	85
Ontario Training School for Boys, Guelph	....	4	6	15	40	35
TOTALS	599	482	425	480	552	599
Girls	....	188	150	177	201	215
Boys	....	294	275	303	351	384

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph
Average length of stay in School per pupil	1 year 9 mths.	1 year 1 mth.	1 year 6 mths.	10 mths.	2¼ mths	8 mths.
Net per diem cost per capita	$1.06	$1.32	$1.31	$2.20	$1.20	

MENTALITY OF PUPILS COMMITTED OR ADMITTED

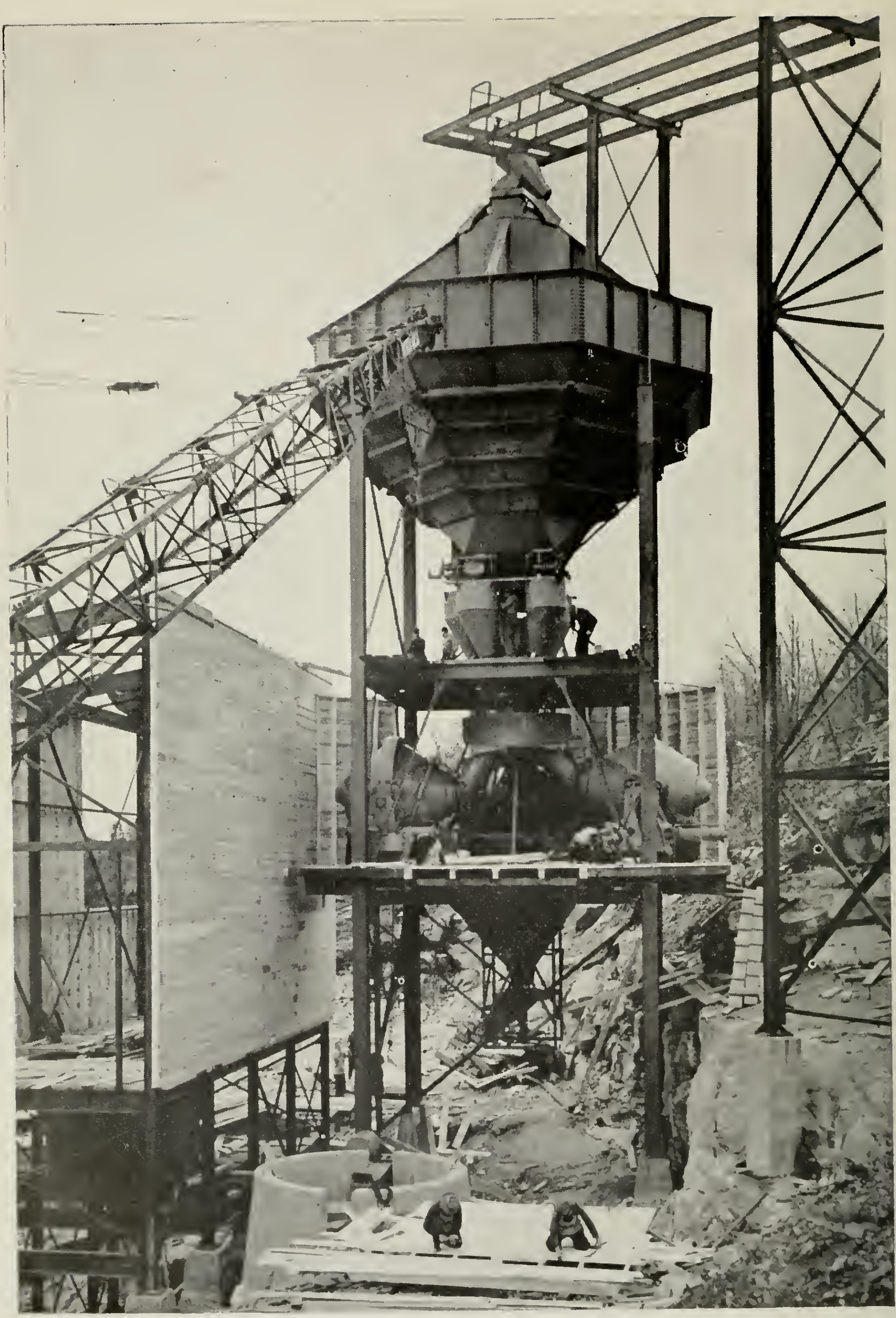
	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
Morons—I.Q. 40-60	5	3	6	4	2	....	20
High Grade Morons—I.Q. 60-70	6	9	10	3	11	3	42
Borderline—I.Q. 70-80	22	20	16	12	38	12	120
Dull Normal—I.Q. 80-90	13	16	24	15	53	8	129
Normal—I.Q. 90-100	8	22	8	21	49	25	133
Normal—I.Q 100-110	3	6	5	13	29	....	56
Superior—I.Q 110 and Over	....	3	1	12	13	....	29
Not Examined	4	..		5	1	....	10
TOTALS	61	79	70	85	196	48	539

FACTORS CONTRIBUTING TO DELINQUENCY OF THOSE COMMITTED OR ADMITTED

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph	Total
Alcoholic parents	.	2	7	3	2	....	14
Desertion in home	1	3	2	3	9	....	18
Either parent immoral	5	1	2	7	5	....	20
Either parent mental defective	1	...	4	6	1	....	12
Either parent with court record	2	3	4	2	1	1	13
Father dead	2	1	4	4	14	5	30
Mother dead	2	3	9	5	7	1	27
Parents dead	2	1	...	1	2	1	7
Fair home but no control	13	26	11	22	34	24	130
Poor home and no control	14	16	15	16	59	6	126
Stepfather	..	....	..	1	....	....	1
Stepmother	2	....	1	1	2	....	6
Parents separated	13	6	10	14	23	2	68
Associations	...	12	1	....	21	....	34
Mentality of child	4	5	.	....	11	8	28
Father in Armed Services	....	....	.	....	5	....	5
TOTALS	61	79	70	85	196	48	539

ACTIVITIES OF RESIDENTS DURING YEAR

	St. Mary's Training School for Girls Toronto	St. John's Training School for Boys Toronto	St. Joseph's Training School for Boys Alfred	Ontario Training School for Girls Cobourg	Ontario Training School for Boys Bowmanville	Ontario Training School for Boys Guelph
Full time in Classroom	137	22	191	40	212	....
Part time in Classroom	25	104	7	103	129	96
Full time in Vocational Shops	...	12	83	63	....	....
Part time in Vocational Shops	....	104	8	134	....	....
Culinary	75	12	33	61	76	....
Sewing	125	....	8	55	....	....
General Domestic	182	....	....	4	....	....
Hairdressing	....	....	....	....	....	....
Barber Shop	....	2	6	....	....	...
Carpentry	....	2	....	....	...	...
Farming and Horticulture	182	6	20	69	73	...
House Maintenance	....	23	169	61	56	...
Laundry	100	...	12	47	....	....
Metal Work	....	....	....	..	....	....
Office	35	...		3	....	....
Printing	....	7	7	.	....	....
Shoe Making and Repairs	....	22	27	...	....	....
Tailoring	....	30	8	....	....	....
Wood Working	....	....	....	17	....	....
Part time at work	....	....	....	....	....	96
Nurse's Aid	....	.	..	6	....	....



MODERN EQUIPMENT SPEEDS CONSTRUCTION

Concrete mixing unit at Stewartville power development, Madawaska river. This equipment was later enclosed in an octagonal building with conical roof

THIRTY-NINTH ANNUAL REPORT

OF

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FOR THE YEAR ENDED OCTOBER 31st

1946

ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

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1947

THE HYDRO-ELECTRIC POWER COMMISSION

OF ONTARIO

1946

T. H. Hogg, B.A.Sc., C.E., D.Eng.	*Chairman*
Hon. George H. Challies, Phm.B., M.L.A.	*Vice-Chairman*
W. Ross Strike, K.C.	*Commissioner*
Osborne Mitchell	*Secretary*

HEAD OFFICE

620 UNIVERSITY AVENUE · TORONTO 2, ONTARIO

CHAIRMAN'S LETTER OF TRANSMITTAL

To His Honour

THE HONOURABLE RAY LAWSON, O.B.E., LL.D.,

Lieutenant-Governor of Ontario

MAY IT PLEASE YOUR HONOUR:

The undersigned respectfully presents the Thirty-ninth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1946.

The record of the Commission's work presented in this Annual Report relates to three principal fields—the co-operative municipal field, the field of rural supply, and the northern Ontario field. The first two cover the Commission's activities on behalf of the co-operative systems, and the last relates to its trusteeship of the Northern Ontario Properties on behalf of the Province. Throughout the various sections of the Report dealing broadly with physical operation of the plants, constructional activities and financial statements, these fields of activity are clearly differentiated.

The Report also presents for the calendar year 1946, financial statements and statistical data relating to the municipal electric utilities operating in conjunction with the co-operative systems for the supply of electrical service throughout the Province.

HYDRO IN 1946

In Retrospect

At the end of 1945, the year that saw the termination of hostilities in Europe and in the Pacific, The Hydro-Electric Power Commisssion of Ontario was able to express satisfaction that during the whole period of the war no industry in Ontario lacked sufficient power for its need and that, aided by Government restrictions upon certain uses of electricity and voluntary economies cheerfully undertaken by consumers, there had been sufficient power for all essential domestic and commercial purposes.

It had been anticipated that for at least a year after hostilities ceased, even though restrictions on use were removed, the total quantity of power required for all purposes would be substantially less than it had been in the final period of the war. A reduction in demand was expected, sufficient to restore the margin of reserve power considered desirable for best operating efficiency and to facilitate overhauling of plant and equipment. Surprisingly, this situation did not obtain and as the time for the peak demand of the winter season of 1946-47 approached, the Commission, in order that the demands of industry might be met as fully as possible, requested the citizens of the Province again to economize in their use of Hydro power and energy.

During the war the citizens of Ontario, as of other parts of Canada, modified their uses of Hydro service and economized wherever possible. This tendency was accentuated by the disappearance of new appliances from the market and the difficulty in replacing and repairing worn equipment. Thus the normal growth in the load for domestic uses was held back, but the desire for the higher standard of living that comes with a fuller use of electrical service was still active, was in fact stimulated as the war drew to an end by advertising of post-war appliances and new uses for electricity. When the war ended and as restrictions were removed and it became easier to repair appliances and obtain some new ones, the domestic demand grew; this was accentuated by the return to standard time for the winter months and by other factors.

Similarly with the commercial load: Street signs and street lighting were restored and in some cases improved. The big stores which had been co-operative in restricting their demand during wartime felt free to lead the way back to normal by a much greater use of Hydro lighting and display. The well-planned reconversion of industrial plants to a peacetime programme, also resulted in the power dropped by war loads being quickly re-employed. Furthermore there were many active new plants or war plants converted to new uses which quickly replaced other war loads. Thus demands for electric power increased in the domestic, commercial, industrial and municipal fields.

All Generating Equipment In Use

We have seen that the economy steps taken by everyone helped the Commission to meet all demands for electrical service and thus enabled Ontario to produce the maximum effective output of munitions and equipment. Similar effective steps were taken in all provinces and thus Canada contributed to the allied cause to an extent far beyond what might have been expected from a country with Canada's population. But to accomplish this fine record for electrical service in Ontario, The Hydro-Electric Power Commission had to operate during the last two years of the war with little or no margin of surplus capacity and it had to postpone major maintenance work, relying upon the high standard of service value built into its transmission lines, transformer stations and plant generally. For the most part this confidence in its ability to carry through was justified. But the margin was small and the Commission at the end of the war had no reserves of unused generating capacity; furthermore it had a formidable backlog of rehabilitation work to be done.

Power and energy supplies available to the Commission depend upon the installed generating capacity of its 55 generating plants and upon their maintenance in a state of maximum efficiency; upon the amount of power purchased, and the terms of the contracts and, in the case of all hydro-electric plants, upon the hydrologic factors of precipitation and storage.

Variations in power demands are greatly influenced by the general level of industrial activity. At the present time notwithstanding shortages in certain basic materials such as fuel and steel, there is intense industrial activity to meet a large backlog of consumer needs, and a substantial increase in domestic use of electricity in both urban and rural communities, which will further increase as more appliances and farm electrical equipment become available.

With this general summary of conditions it will be of interest to review the position just prior to the last fiscal year and record the past year's operations.

Operating Conditions in 1945-1946

During the summer of 1945 over most areas of the Province the precipitation was greater than average. As a result water conditions at the beginning of the winter 1945-1946 were favourable and continued so throughout the winter months. In 1946, however, an early spring run-off, one full month ahead of normal, was followed by extremely light precipitation, especially in the southern part of the Province. This caused a serious water shortage during the summer and fall months of 1946 on the rivers supplying the generating stations of the Georgian Bay and Eastern Ontario divisions of the Southern Ontario system. Not for several years had there been so serious a seasonal water shortage. In the northern part of the Province, water conditions were similar though less severe. The result of these conditions was that the Hydro entered the fall and winter season of 1946-1947, with depleted storage reservoirs.

Meantime the expected recession in power demands following the war did not materialize and primary power demands continued to rise even over those of the later war years. Throughout the winter of 1945-1946 primary peak loads continued, month by month, to exceed the demand for the corresponding months of the previous year and not until the spring and summer, when labour disputes closed down many industrial plants, was there an appreciable drop in demand from the previous year.

In October 1946, following the return of factories to full time production, power requirements reached an all-time high, and continued to increase. In the area served by the Southern Ontario system these demands exceeded the available power resources. Thus, in southern Ontario the Commission, although able to meet all its commitments in respect to delivery of power under its firm power contracts, was not able to meet all the power demands of large industrial users who purchase power on an interruptible basis. Substantial reductions in delivery of both power and energy to this class of customer were necessary during the late fall and winter months of 1946-1947; to these customers the power shortage was very real and serious.

The total peak output from all sources was 2,625,000 horsepower, exceeding the record peak of the previous year by 17,000 horsepower. The peak output for primary power was 2,515,000 horsepower exceeding all previous records for this class of power by 44,000 horsepower or 1.8 per cent higher than the highest levels for all war years.

DISTRIBUTION OF POWER TO SYSTEMS

PRIMARY POWER

20-Minute Peak Horsepower—System Coincident Primary Peaks

System	1945	1946
	October	
Southern Ontario system	2,027,361	2,146,572
Thunder Bay system	124,397	141,421
Northern Ontario Properties	212,673	226,687
Total	2,364,431	2,514,680
	December	
Southern Ontario system	2,079,382	2,204,609
Thunder Bay system	127,078	139,008
Northern Ontario Properties	204,345	242,637
Total	2,410,805	2,586,254

PRIMARY AND SECONDARY POWER

20-Minute Peak Horsepower—System Coincident Peaks

System	1945	1946
	October	
Southern Ontario system	2,177,763	2,156,599
Thunder Bay system	136,863	151,072
Northern Ontario Properties	285,247	287,464
Total	2,599,873	2,595,135
	December	
Southern Ontario system	2,185,012	2,211,579
Thunder Bay system	140,483	152,413
Northern Ontario Properties	291,517	294,272
Total	2,617,012	2,658,264

The foregoing figures represent loads actually carried; in interpreting them, it must be borne in mind that owing to a deficiency in power resources, loads were somewhat curtailed in Southern Ontario. A comparison of potential power demands in Southern Ontario would show a greater increase than indicated by these figures.

The total energy produced from all sources was 12,672,000,000 kilowatt-hours. This was 184,000,000 kilowatt-hours or 1.5 per cent greater than the production during the previous year. The energy output for primary power purposes dropped 1.4 per cent from 11,110,000,000 kilowatt-hours in 1945, to 10,951,000,000 kilowatt-hours in 1946. This drop, in contrast with the rise in peak demands, reflects the effect of reduced energy demands during part of the year resulting from labour disputes.

Compared with the previous year, primary energy demands in the Southern Ontario system were 1.9 per cent smaller; Thunder Bay system 11.5 per cent greater and Northern Ontario Properties 5 per cent less. Labour disputes were largely responsible for the decline on the Southern Ontario system. The rise on the Thunder Bay system reflects increased activities in the pulp and paper industry. On the Northern Ontario Properties, demands for the mining and refining of gold increased but this was greatly offset by a reduction in power requirements in the smelting and refining of base metals.

Maintenance and Rehabilitation

The efforts made by the Commission co-operating with Dominion authorities during the war to husband the limited supplies of men and materials were effective, but they left in their train many problems to be solved. With victory achieved therefore the Commission turned to the task of rehabilitating its overworked equipment and in 1946 started the most urgent parts of the post-war maintenance programme already planned. The year's work, however, was greatly handicapped both by the short supply of materials and by the difficulties of releasing any part of the overburdened plant for repairs.

The chief items of maintenance work undertaken during the year were as follows. In southern Ontario the post-war programme of transmission line tower maintenance, and replacement of defective wood poles on a larger programme was commenced. Rehabilitation work included a start in the Toronto metropolitan area to improve the general power supply. In the Thunder Bay district there was extensive work on the transmission line from Cameron Falls to Longlac transformer station. In northern Ontario, chiefly in the Timiskaming district, many miles of wood-pole line were rebuilt. Only absolutely essential work could be carried out on the generating plants in southern Ontario but a number of the smaller generating units in the plants serving the Timiskaming district were completely overhauled and reconditioned. Further details of this work will be found in Sections VI and VII of this Report.

ONTARIO'S GROWING INDUSTRIAL STRENGTH

The intensive production carried on in Ontario throughout the period of the war greatly enlarged the industrial capacity of the Province and brought to management and labour alike new skills and improved manufacturing facilities. These have manifested themselves in several ways but in nearly all cases they result in greater demands for Hydro power.

Due in part to a resumption of peacetime industrial and commercial activity on an enlarged scale but also to an expanded domestic demand free from wartime restrictions, the power requirements of urban municipalities are rapidly increasing. Local industrial plants are modernizing their equipment and expanding their operations; this process almost invariably requires more employees and more power per employee.

Large manufacturing concerns are establishing branch industries in smaller centres sometimes a long way from their parent plants. There is also a noteworthy trend to establish new industries in suburban areas, a tendency particularly marked in such industries as plastics, chemicals, building products, rubber, electrical appliances and agricultural machinery. Many new industries are being established as a result of ideas developed during the war.

It is noteworthy that branch plants of British concerns are being established in many municipalities throughout the Province.

In addition to the increasing industrial loads supplied by urban municipalities the Commission as is its usual practice has given service to a number of large and important industries established or considering establishment in various parts of the Province. In some cases the necessary power facilities are not within the capacity of the physical equipment of the local municipal Hydro, in other cases the nature of the undertaking renders it desirable for the Commission itself to supply service to the industry as a system customer.

In addition to expansion in well established industries such as the chemical industry, electro-smelting and furnaces, which are increasing to capacities greater than obtained during the war, and the cement industry at present working at full capacity, the intense war production carried on especially in the areas served by the Southern Ontario system has led to the creation of industries manufacturing products not heretofore attempted in the Province. This phase of the present industrial growth is especially fostered by new skills developed during the war and may be of far reaching importance.

In Northern Ontario

There is marked activity in the search of new gold mines in northern Ontario. Many of these may develop as producing mines in the next few years. On the other hand the acute shortage of labour still handicapped in 1946, the older producing gold mines. The production of base metals is increasing in a satisfactory manner. This is also true for non-metallic minerals. Very large demand for the output of pulp and paper mills is being experienced, and it is noteworthy that Kraft pulp mills are being established in conjunction with saw-mills so that more of the scrap can be manufactured into pulp.

REMARKABLE GROWTH OF RURAL ELECTRICAL SERVICE

For many years rural electrical service has been a significant factor in the economic life of Ontario, but its growth during the past ten or twelve years has made its operations of substantial importance — in magnitude of capital invested, in miles of transmission and distribution lines, in aggregate horsepower utilized, and not least in the number of consumers served. The point may be illustrated quite simply by stating that the total number of consumers already served in rural operating areas exceeds the number of Hydro consumers in all the cities of Ontario except the four cities that have a population exceeding 100,000.

At the end of 1946 the total mileage of rural lines constructed or under construction was approximately 23,700. These lines serve or will shortly serve about 178,000 consumers whose aggregate peak load during this winter has at times exceeded 165,000 horsepower. The capital investment in transmission lines and other facilities for distributing power in rural operating areas exceeds $45,000,000, of which nearly half is represented by the Government grants-in-aid.

During 1946 the supply of materials required for the construction of rural lines improved. The delivery of wood poles was more satisfactory, but deliveries of conductors and line hardware were insufficient to permit the completion of more than 60 per cent of the primary line extension programme originally proposed. Service connections on existing and new lines were also delayed due to the non-delivery of suitable transformers.

Approximately 1,200 miles of primary line were actually constructed in 1946 and service was given to about 16,500 new consumers, 13,300 of whom received service from existing lines. Notwithstanding a general decrease in power taken by former war industries served from rural lines, the use of power in rural areas increased during the year by no less than 25 per cent.

In previous years the maximum aggregate power sold in rural areas occurred during the summer months of July or August. This was due to the incidence of the summer resort and summer cottage demands during the holiday season. In the latter part of the summer of 1946, however, so rapidly were customers being added to the rural lines that the usual drop in load following the exodus from summer resorts was more than counterbalanced by the increased demand of permanent residents in rural areas, so that during the month of October a peak exceeding 164,000 horsepower was established as compared with 159,000 horsepower in August, which itself was 20 per cent higher than the previous summer peak.

At the end of October, 1946, there were on hand enough rural applications for service to warrant the construction of 7,310 miles of new primary line. The Commission's construction plans call for the building in 1947 of about 1,500 miles of line. This programme, however, itself depends upon whether material and equipment in sufficient quantity become available.

It is necessary again to draw attention to an important limiting feature to the programme of extensions in rural operating areas. During the war even after certain restrictions had been eased, material was so short that in the interest of food production it was used for extensions rather than for improvements to service. This in itself aggravated a condition developing with increased load, namely, insufficient capacity on many existing lines to supply satisfactory service. Thus ever since the termination of hostilities it has been imperative in many districts to increase the capacity of certain lines before satisfactory service can be given by means of further extensions. The Commission is using the supplies, material and equipment available to the best advantage but it would be unwise to impair the service given to existing consumers by extending lines and adding new customers in areas where the main primary lines are even now of insufficient capacity.

Construction and Planning

In view of the very evident trend of the demand for power in Ontario to increase still further and accentuate the power shortage, the Commission is doing all in its power to hasten construction on several power developments and to extend transmission and distribution facilities as quickly as possible.

The intensive planning that characterized the Commission's activities in 1945 was followed in 1946 by the commencement of construction on power developments and on important transmission lines and transformer stations. The volume of work now underway is immensely greater than for some years past.

In the Niagara division the major piece of work is the installation of a second unit of 70,000 horsepower at the DeCew Falls 25-cycle plant. The new unit and its setting are similar to the initial installation, but important changes are being made, including increased storage facilities in the headwaters area and extensive improvement in tail-water channels. The operating head of the DeCew Falls plant will be increased from 265 feet to 280 feet, partly by raising the head-water level but chiefly by excavation of tail-race channel. The estimated cost is $7,693,000 and the new unit is planned to come into operation in September, 1947.

In the Georgian Bay division no new generating plant was under construction but structures were renovated at the South Falls development. The Commission rented a steam plant of 5,000 horsepower at Nobel to augment the power supplies during the heavy summer load period.

In the Eastern Ontario division a second major power project on the Madawaska river was started at Stewartville, downstream from Barrett Chute which was constructed during the war, and eight miles from Arnprior. This development will have a capacity of 81,000 horsepower with three units each of 27,000 horsepower operating under a head of 150 feet created by a gravity type dam spanning the river and will supply 60-cycle power for the Southern Ontario system. The estimated cost of the complete hydro-electric development with step-up transformers is $10,470,000, and with the associated transmission lines to Oshawa, the total is $13,724,000. Construction was started in October, 1945, and it is expected the plant will be in operation by January, 1948.

Major Development Planned

To augment further the power supplies of the Southern Ontario system preliminary work was commenced on the Des Joachims development on the Ottawa river, 136 miles from the city of Ottawa and about 38 miles upstream from Pembroke. This development will be larger than any other Commission plant except that at Queenston and will have an initial capacity of 360,000 horsepower in 6 units which may later, should additional storage be provided on the upper Ottawa drainage basin, be increased to 480,000 horsepower with 8 units. The plant will operate under a head of about 130 feet. Field surveys have been under way for some time and active construction has commenced. The estimated cost for the initial hydroelectric development of 6 units with step-up transformers is $51,000,000 and the additional cost for transmission lines will be $24,000,000 a total of $75,000,000. It is expected that this plant will be in operation during the year 1950.

To supply additional power for the Thunder Bay system a power site near the mouth of the Aguasabon river is being developed. The installation will comprise 2 units each of 26,500 horsepower which will operate under a head of 290 feet with a total capacity of 53,000 horsepower. Of this amount 15,000 horsepower will be supplied to the Longlac Pulp & Paper Company Limited and the remainder will be used to supplement the power resources of the Thunder Bay system.

The water supply for this development will be derived in large measure from the upper part of the Kenogami river drainage basin by means of the Long Lake diversion project, supplemented by the run-off from the drainage basin of the Aguasabon river. Estimated costs for hydro-electric development complete with step-up transformers $8,511,000, for a transmission line to tie in with the Nipigon river plants at Alexander $1,474,000. Total $9,985,000. Construction commenced in May, 1946, and completion of the development is planned for September, 1948. For the Thunder Bay system there will also be constructed a fourth transmission circuit from Alexander to Fort William at a cost of $2,142,000.

To meet the increase in demands for power in the Patricia district of the Northern Ontario Properties the fourth and last unit with a capacity of 7,500 horsepower is being installed at Ear Falls development on the English river. This will increase the rated capacity of the plant to 25,000 horsepower. The work at Ear Falls began in August, 1946 and is expected to be finished in December, 1947. In this district also, unit No. 1 at Rat Rapids on lake St. Joseph was reinstalled. This unit of 1,500 horsepower was burnt some years ago; the generator was rebuilt and came into service toward the end of December, 1946. The estimated cost of these installations is $1,791,000.

Increased Transmission Facilities

It is important to remember that the development of water power and the provision of generating stations is but half the process of providing supplies of electrical power. The electricity must be transported long distances and adapted for delivery to consumers. At the generating stations electricity must be "stepped up" to a high voltage for transmission; the step-up transformers are usually considered a part of the equipment of the generating station. At the other end of the main transmission line the voltage must be stepped down at main transformer stations for further transmission to smaller municipal and other distribution stations.

The provision of transmission and distribution facilities must be in step with the processes of providing more power. The post-war planning of 1945 has therefore also been translated into action with respect to transmission network improvements.

In the Toronto metropolitan area embracing Toronto and its suburban municipalities important modifications are being made at main transformer stations and additional equipment is being installed. Work started in 1946 includes an increase in the capacity of Toronto-Wiltshire transformer station from 60,000 to 90,000 kva. This will be completed in 1947 at a cost of about $440,000. The capacity of the Toronto-Esplanade transformer station is being increased from 50,000 to 100,000 kva to permit the operation of the station in two sections. The work on this improvement began in September, 1946 and is expected to be completed by January, 1948.

To provide a new 220,000-volt terminal transformer station in the Toronto metropolitan area construction work is underway on Kipling avenue in the township of Etobicoke immediately west of the city. The erection of the 110,000-volt switching equipment at Kipling transformer station is progressing and should be ready for service early in 1947. Plans for the immediate future at this station include two 25,000-kva transformers which should be in service early in 1948 to reinforce the power supply to Islington and the surrounding area. In the meantime the supply is being augmented by increasing the capacity of York transformer station from 30,000 to 45,000 kva. Additional transformer capacity of 16,000 kva is being installed on the site of the new Scarborough transformer and frequency-changer station to reinforce the supply of power in the Scarborough area where certain industrial developments are taking place. It will be ready for service in July, 1947.

Frequency-Changer Stations

In order to integrate the Niagara, Eastern Ontario and Georgian Bay divisions of the Southern Ontario system so that surplus generating capacity in any one division may be made available and used to supply power to any other division an extensive undertaking was started in July, 1946, to construct a frequency-changer station at Scarborough situated immediately to the east of the city of Toronto, together with the necessary transmission lines, transformer stations and auxiliary equipment. The first part of the new integrating project is a tie line between the Eastern Ontario and Georgian Bay divisions and comprises a 110,000-volt transmission line, 81 miles long, from Oshawa to Barrie with a 15,000-kva step-down station at Barrie and 110,000-volt switching equipment at Oshawa; this was all placed in service on July 1, 1946. The second part of this integrating project comprises frequency-changers at Scarborough and a 110,000-volt line from Scarborough to Leaside. Two 25,000-kva frequency-changers with associated transformers and switching equipment will be provided. The first frequency-changer set is now under construction and a second one has been ordered. The estimated cost of this project is $5,835,000. This interchange of power will be strengthened in 1947 by the completion of a 110,000-volt line between Barrett Chute and Oshawa. This line will later be extended to the Stewartville development when that development is ready to furnish power.

In the Cornwall area a new 110,000-volt transmission line 51 miles long between Ottawa and Cornwall was placed in service in April, 1946 and the permanent switching stations at Cornwall and Ottawa are progressing. To supply power to Canadian Industries Limited at Cornwall a 15,000-kva transformer station will be ready for service in February, 1947.

At the other end of the area served by the Southern Ontario system, in the Essex district, work on the important alterations that are being made to the Essex transformer station continued during 1946. These improvements which will cost more than $1,000,000 are expected to be completed by March, 1947.

Many other additions to transformer capacity and transmission line facilities were proceeded with during the year including extensive changes and improvements to the transmission lines and station facilities in the Abitibi and Timiskaming districts of the Northern Ontario Properties and for the Thunder Bay system.

FINANCIAL OPERATING RESULTS

Although interim rates for power supplied to many municipalities were lower in the first two months of the Commission's financial year than in the same months of the previous year, increased use of power caused 1946 revenues from municipalities to exceed those of the year 1945 by about six per cent. There was also a marked increase in revenue from service to rural consumers. Curtailment of revenues from industrial consumers of the Commission that had been engaged in war work, however, was not fully offset by resumption in 1946 of peace time activities in large industries, interrupted as these were in some cases by industrial disputes. Nevertheless aggregate revenue on the Southern Ontario system from all sources was a little higher in 1946 than in 1945.

The prevailing conditions of materials scarcity and increased prices affected costs of operation adversely. Maintenance costs were also subject to the same influence, although the volume of work that could be carried out was itself limited by availability of materials. Interest costs were lower than in 1945, but the aggregate costs for interest and operating expense of the Southern Ontario system exceeded those of 1945 by about five per cent.

On the Thunder Bay system, enlarged activity in the pulp and paper industry, and resumption of mining loads contributed substantially increased revenues, which were more than sufficient to absorb increase in costs occasioned by the provision of additional system capacity at the end of 1945.

In Northern Ontario, the increased sale of power for gold mining in the later months was almost sufficient to compensate for the reduction in revenue from power for nickel production, which was especially marked in the earlier months. However, coupled with unavoidable increase in costs of operation and maintenance, the net financial result for 1946 is less favourable than those reported for other recent years.

Frequency Conversion - Southern Ontario System

An interim report on frequency conversion in the Niagara division of the Southern Ontario system from 25 to 60 cycles was completed during the year 1946 and since then has been carefully studied by all co-operating municipalities. The report concludes that "There are no insurmountable engineering difficulties involved and there would be marked advantages in having a standard frequency of 60 cycles.

"The problem is whether the present and future advantages of 60-cycle power are sufficiently great to warrant the expense involved in the changeover of a very large 25-cycle system, today totalling 1,000,000 kw of generating capacity (excluding 350,000 kw to be retained for 25-cycle industrial operation).

"The Commission believes that the proposal is entirely practicable from a technical viewpoint . . ."

Regarding certain economic features the report points out that "Apart from the question of costs, economic aspects involve the consideration that frequency changeover is a project that will use many millions of man-hours of labour. This may be beneficial or the reverse, depending upon the timing of the programme. It would not be beneficial if competition for skilled labour made such labour less available for the completion of more important social services It might on the other hand be very beneficial if, being started, it could be speeded up should economic depression or widespread unemployment threaten."

Miscellaneous Activities

The exceptionally large volume of work now being undertaken by Hydro affects all departments of the Commission's organization.

The year 1946 witnessed a marked expansion in the research programme of the Commission. The return of many research engineers loaned to the Dominion authorities or who had joined the armed services permitted resumption of important research projects relating to many phases of the Commission's operations. The larger part of the Commission's research work relates to practical problems connected with the construction and operation of its systems and these problems increase in scope and importance with the increased construction programme facing the Commission at the present time.

In connection with new developments and transmission line extensions much property was purchased and many rights in the form of perpetual easements were obtained. This work necessitated very extensive surveys, some of which are being performed by the Commission's survey staff.

The Electrical Inspection department which is entrusted with the enforcement of the rules and regulations governing electrical installations in Ontario handled a volume of work greater than in any previous year's history of the Commission. The wiring and equipment permits increased 55 per cent and inspections of wiring and equipment increased by 66 per cent over the previous year's record.

Looking forward to the time when appliances and additional energy will be available the Commission in its promotional and educational work is laying particular stress upon the need for adequate wiring in the urban home and on the farm. In this work it co-operates with the Electric Service League of Canada. Particular attention has been paid during recent years to encouraging the adequate lighting of schools. As this work in connection with the schools becomes known and the beneficial results begin to manifest themselves there is little doubt that there will be a widespread recognition of the need for improvement in the standard of school lighting. In drawing up plans to accompany the reports on school lighting provision for auxiliary outlets and facilities for use in connection with visual education, household science and manual training is not overlooked.

Personnel Training

During 1946 a large number of new employees were engaged to assist with the increasing volume of work facing the Commission. All new employees were carefully selected for specialized activities, and in accordance with Commission policy, preference was given to applicants having served with the Armed Forces.

Accurate records have been assembled of all employees who rendered military service during the period 1939 to 1945. This compilation contains particulars of previous employment with the Commission, details of war service, decorations and other pertinent facts. In the case of former employees of the Commission who died on active service, special care is being taken to complete details of their military service and, with the co-operation of the Records Office at Ottawa, it is hoped that the basic requirements for a permanent memorial can be established.

Linemen's Training School

As reported last year, a Linemen's Training School was established by the Commission at the request of the municipalities. The school has progressed and expanded, and every effort is made to keep the course of instruction interesting and constructive. It is now possible to report that graduates of the school have been carrying out their duties with skill and resourcefulness in various parts of the Province. It is interesting to recall that during a recent emergency resulting from a severe storm, a line gang composed of young men who were completing their course at the school was put to work alongside an experienced crew of veteran linemen. So thorough was the work of the school group that the regular linemen did not know, until a week later, that their fellow-workers were trainees. The operation and success of the Linemen's Training School has aroused widespread interest and many engineers and other interested parties visiting the school have been very favourably impressed.

Post-Graduate Training Courses

About twenty years ago the Commission conducted an experiment in the post-graduate training of young engineers. A recent survey of these men has shown that, largely as a result of this early training, they were now holding higher than average positions. During 1946, forty junior engineers were recruited from the armed forces and from Canadian universities to receive a special course of training with the Commission. It is worthy of note that nearly all the universities of Canada are represented in this group. These young engineers have an opportunity, through the course, of studying many phases of the Commission's operations. After a two-year period, each man will be assigned to that department to which his special aptitudes would be most valuable.

Accident Prevention --- Health Service

Every effort is being made by the Commission, through engineering revision and development of tools and practices, to make the work of its employees as safe as possible. Special emphasis is being placed on preventive measures to counteract the menace of electric shock, falling poles and other types of accident.

The Commission's medical director is engaged in developing ways and means of improving the general health of employees, and, in the case of construction camps, of caring for the sick and superintending surgical treatment. Nurses are available at the head office and at two of the more remote colonies. The presence of a nurse in isolated colonies provides re-assurance to employees and members of their families. Such measures contribute to greater employee efficiency and the satisfactory operation of the Commission's affairs.

CAPITAL INVESTMENT AND RESERVES

Capital Investment

The total capital investment of The Hydro-Electric Power Commission of Ontario in power undertakings is $393,339,253.63 exclusive of government grants in respect of construction of rural power districts' lines ($24,391,821.23) and the investment of the municipalities in distributing systems and other assets is $152,205,948.00, making in power undertakings a total investment of $545,545,201.63.

The following statement shows the capital invested in the respective systems, properties and municipal undertakings, etc:

Southern Ontario system	$301,815,803.90
Thunder Bay system	23,164,049.54
Office and service buildings	4,426,321.08
Construction plant and inventories	8,779,427.85
Total capital investments in co-operative systems	$338,185,602.37
Northern Ontario Properties—Operated by H-E.P.C. on behalf of the Province of Ontario	54,634,498.89
Northern Ontario Properties—Construction plant and inventories	519,152.37
Total Commission capital investments	$393,339,253.63
Municipalities' distribution systems	110,207,968.64
Other assets of municipal Hydro utilities	41,997,979.36
Total	$545,545,201.63

Reserves of Commission and Municipal Electrical Utilities

The total reserves of the Commission and the municipal electrical utilities for depreciation, contingencies, stabilization of rates, sinking fund and insurance purposes, amount to $414,830,047.20, made up as follows:

Southern Ontario system	$221,364,565.22
Thunder Bay system	15,112,946.47
Office and service buildings and equipment	1,765,456.17
Total reserves in respect of co-operative systems' properties	$238,242,967.86
Northern Ontario Properties	24,580,611.46
Fire insurance reserve	176,232.36
Miscellaneous reserves	807,069.49
Employers' liability insurance, and staff pension reserves	13,125,739.57
Total reserves of the Commission	$276,932,620.74
Total reserves and surplus of municipal electric utilities	137,897,426.46
Total Commission and municipal reserves	$414,830,047.20

REVENUE OF COMMISSION

The revenue of the Commission at interim rates from the municipal utilities operating under cost contracts, from customers in rural power districts and from other customers with whom—on behalf of the municipalities—the Commission has special contracts, all within the Southern Ontario and Thunder Bay systems, aggregated $52,300,876.97. The revenue of the Commission from customers served by the Northern Ontario Properties, which are held and operated in trust for the Province, was $6,096,699.60, making a total (excluding $227,018.36 of Northern Ontario Properties revenue transferred to Thunder Bay system in respect of power supplied) of $58,170,558.21.

Summarized operating results of these co-operative systems and rural power districts and of the Northern Ontario Properties, follow:

Summarized Operating Results

SOUTHERN ONTARIO SYSTEM—THUNDER BAY SYSTEM

RURAL POWER DISTRICTS

Revenue: amount received from or billed against municipalities and other customers		$45,277,630.85	
Revenue from customers in rural power districts (retail)		7,023,246.12	
Total revenue, systems and rural			$52,300,876.97
Operation, maintenance, administration, interest and other current expenses		$34,225,096.00	
Provision for reserves—			
Renewals	$2,847,313.47		
Contingencies and obsolescence	9,132,976.79		
Stabilization of rates	(90,335.81)		
Sinking fund	3,250,979.08		
		15,140,933.53	
			49,366,029.53
Balance			$2,934,847.44

NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario
In trust for the Province of Ontario

Revenue: amount received from or billed against municipalities and other customers			$6,096,699.60
Operation, maintenance, administration, interest and other current expenses		$4,367,926.87	
Provision for reserves—			
Renewals	$484,696.78		
Sinking fund	1.559,352.05		
		2,044,048.83	
			6,411,975.70
Loss			$315,276.10

COMPARATIVE FINANCIAL STATEMENTS 1945-1946

Cooperative Systems of the Commission

SOUTHERN ONTARIO SYSTEM

Embracing Niagara, Georgian Bay and Eastern Ontario divisions

	1945	1946
OPERATING EXPENSES AND FIXED CHARGES	$ c.	$ c.
Power purchased	10,832,402.63	11,237,627.75
Operation, maintenance and administration	8,212,118.86	9,547,675.73
Interest	11,696,222.61	11,859,115.38
Provision for renewals	2,590,685.26	2,670,559.08
Provision for contingencies and obsolescence	10,640,505.26	8,575,543.00
Sinking fund	2,993,496.03	3,038,449.91
TOTAL COST OF POWER	46,965,430.65	46,928,970.85
REVENUE from municipalities at interim rates, from rural consumers and from private customers under contract rates	49,083,310.70	49,808,740.93
Net balance credited to municipalities under cost contracts	2,117,880.05	2,879,770.08

THUNDER BAY SYSTEM

	1945	1946
OPERATING EXPENSES AND FIXED CHARGES	$ c.	$ c.
Operation, maintenance and administration	493,229.05	672,703.85
Interest	867,165.10	907,973.29
Provision for renewals	166,639.99	176,754.39
Provision for contingencies and obsolescence	566,797.02	557,433.79
Provision for stabilization of rates	(48,619.76)	(90,335.81)
Sinking fund	199,891.67	212,529.17
TOTAL COST OF POWER	2,245,103.07	2,437,058.68
REVENUE from municipalities at interim rates, from rural consumers and from private customers under contract rates	2,302,101.75	2,492,136.04
Net balance credited to municipalities under cost of contracts	56,998.68	55,077.36

MUNICIPAL ELECTRIC UTILITIES

The following is a summary of the year's operation of the local electric utilities conducted by municipalities receiving power under cost contracts with the Commission:

Total revenue collected by the municipal electric utilities		$46,233,400.34
Cost of power	$28,584,101.31	
Operation, Maintenance and administration	8,225,733.56	
Interest	521,209.05	
Sinking fund and principal payments on debentures	1,208,798.79	
Depreciation and other reserves	4,267,677.13	
Total		42,807,519.84
Surplus		$3,425,880.50

With regard to the local Hydro utilities operating under cost contracts, the following statements summarize for each of the co-operative systems administered by the Commission, the financial status and the year's operations as detailed in Section X of the Report.

SOUTHERN ONTARIO SYSTEM

The total plant assets of the Southern Ontario system utilities amount to $105,540,709.94. The total assets, including an equity in the H-E.P.C. of $76,331,106.59 aggregate $222,034,482.92. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in the H-E.P.C. amount to $131,966,775.04, an increase of $7,598,026.24 during the year 1946. The percentage of net debt to total assets is 5.5, a reduction of 1.4 per cent.

The total revenue of the municipal electric utilities served by this system was $45,054,711.46, an increase of $2,536,008.18 as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up depreciation and other reserves amounting to $4,205,691.13 and providing $1,203,543.95 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Southern Ontario system amounted to $3,291,690.65, as compared with $4,262,101.59 the previous year.

THUNDER BAY SYSTEM

The total plant assets of the Thunder Bay system utilities amount to $2,918,178.26. The total assets, including an equity in the H-E.P.C. of $4,339,230.26, aggregate $8,727,901.27. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C. amount to $4,003,256.51 an increase of $185,047.25 during the year 1946. The percentage of net debt to total assets is 5.8, a reduction of 0.3 per cent.

The total revenue of the municipal electric utilities served by this system was $1,178,688.88, a decrease of $4,869.74 as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up depreciation and other reserves amounting to $61,986.00 and providing $5,254.84 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Thunder Bay system amounted to $134,189.85 as compared with a net surplus of $164,006.64 for the previous year.

The Hamilton Street Railway Company

Under authority of The Power Commission Act 1930 and Order-in-Council dated April 3, 1930, the Commission acquired as at December 31, 1929 the properties, assets and undertaking of Dominion Power and Transmission Company Limited, including the issued capital stock of The Hamilton Street Railway Company. The Commission continued to operate the Railway on behalf of the Niagara division of the Southern Ontario system, until September 15, 1946.

In 1946 the Legislature enacted"The Hamilton Street Railway Act, 1946". This Act reduced the authorized share capital of the Company from $4,000,000 divided into 80,000 shares of $50 each to $2,000,000 divided into 80,000 shares of $25 each and authorized the return to the Commission of $1,602,500, being $25 per share in respect of each of the 64,100 issued shares of the Company. Subsequently the Commission offered the issued shares of the Company for sale by advertising for tenders under specific terms. The Commission accepted the highest tender of $1,400,000. The transaction was closed as at September 16, 1946, in accordance with the terms of sale. Certain net reserves and dividends totalling $2,243,570.60 arising out of this sale were transferred to the "Stabilization Account" of the Southern Ontario system. (See page 148)

* * *

The work covered by this Report was performed under the Chairmanship of Dr. T. H. Hogg, who retired on pension on February 28, 1947. The Commission, however, is pleased to announce that while Dr. Hogg has relinquished his executive duties, he is still serving the Commission in a technical capacity as consulting engineer.

This Report would not be complete without the Commission thanking its staff for its faithful and efficient service, and also expressing its gratitude for the continued support given by the press of the Province.

Respectfully submitted,

George H. Challies,

Vice-Chairman

TORONTO, ONTARIO, MARCH 31, 1947

HON. GEORGE H. CHALLIES, Phm.B., M.L.A.,

Vice-Chairman, The Hydro-Electric Power Commission of Ontario,
Toronto, Ontario.

Sir:

I have the honour to submit, herewith, the Thirty-ninth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1946. This report covers the operations of the Commission with regard to the supply of power to, or on behalf of, the partner Municipalities of the Co-operative Systems, as well as the administration of the Northern Ontario Properties, which are held and operated by the Commission in trust for the Province of Ontario.

I have the honour to be, Sir,

Your obedient servant,

OSBORNE MITCHELL,
Secretary

IN

NORTHERN

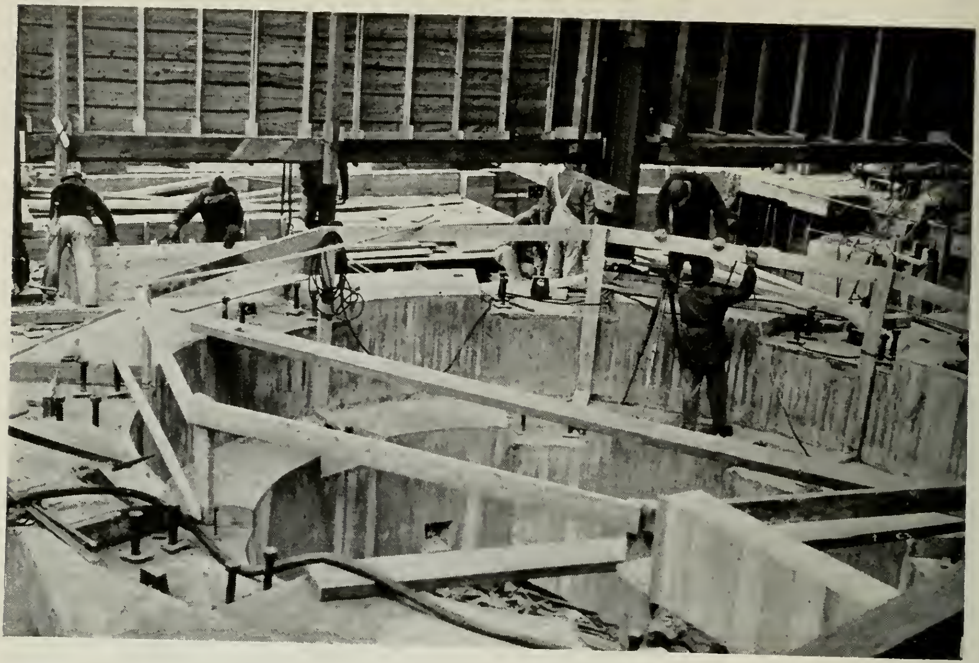
ONTARIO

☆

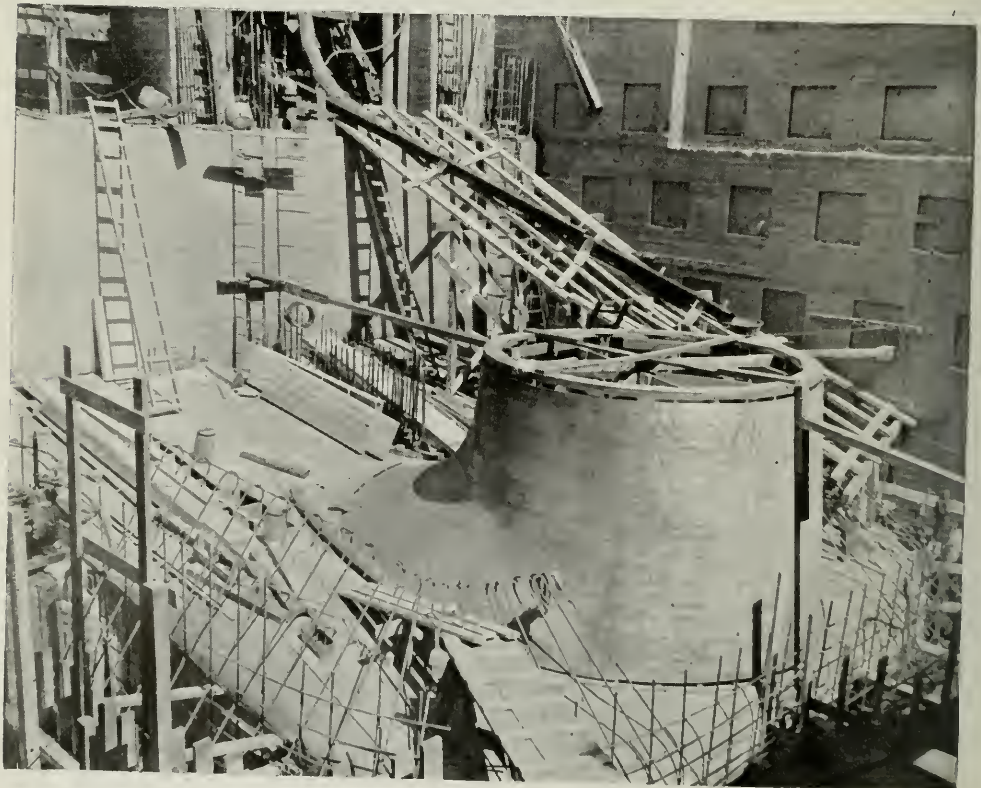
Hydro Power
The mainspring
of successful
mining

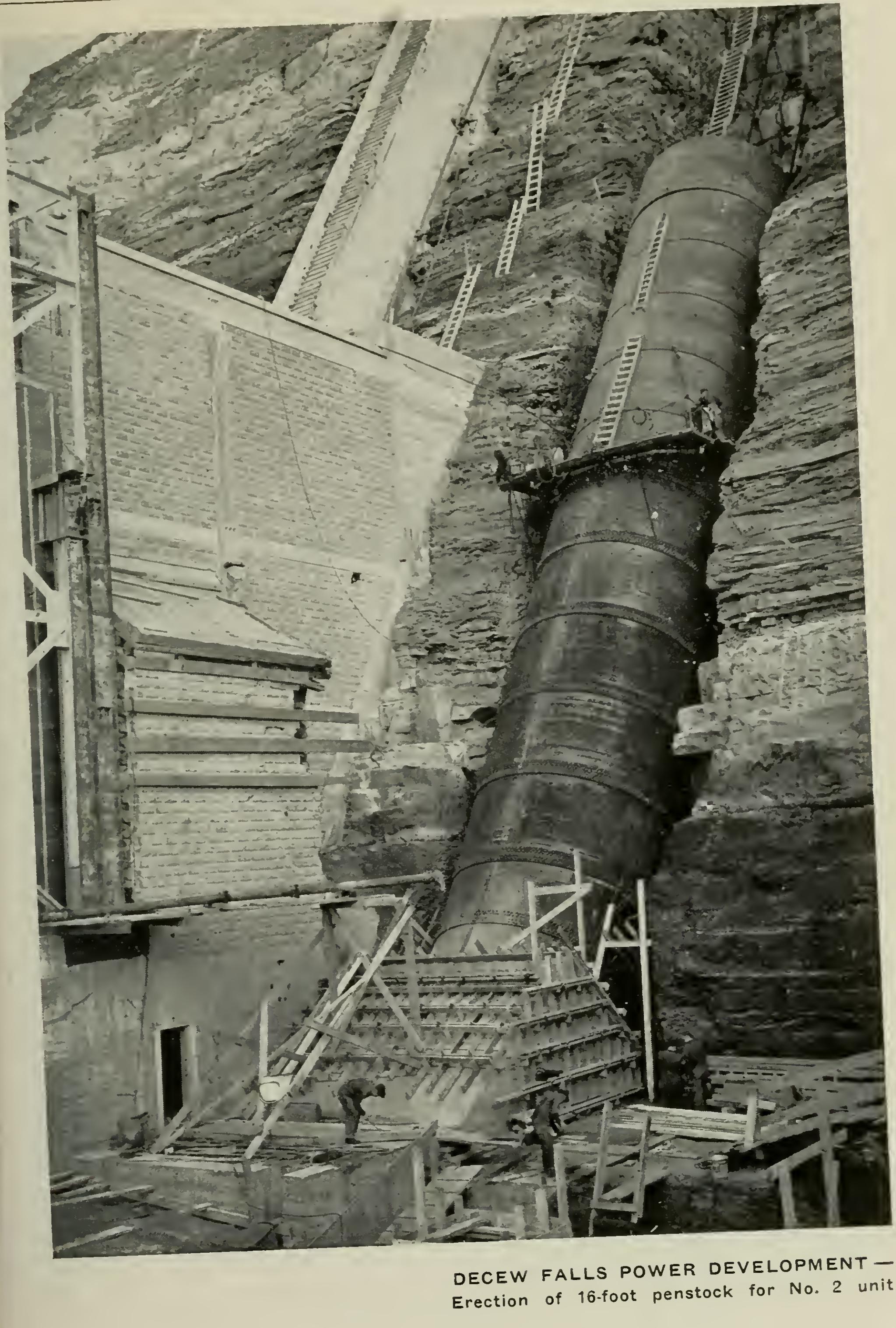
Above: Typical mine shaft

Below: The airplane brings supplies for a Hydro project



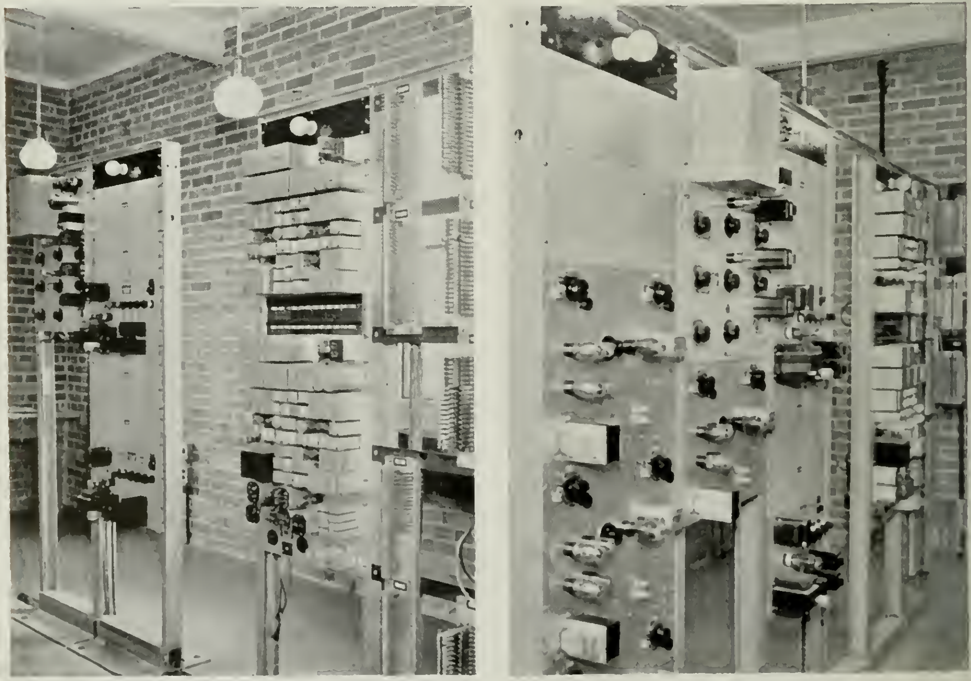
DECEW FALLS POWER DEVELOPMENT—Above: Power-house substructure showing turbine pit of No. 2 unit. Below: Draft tube forms





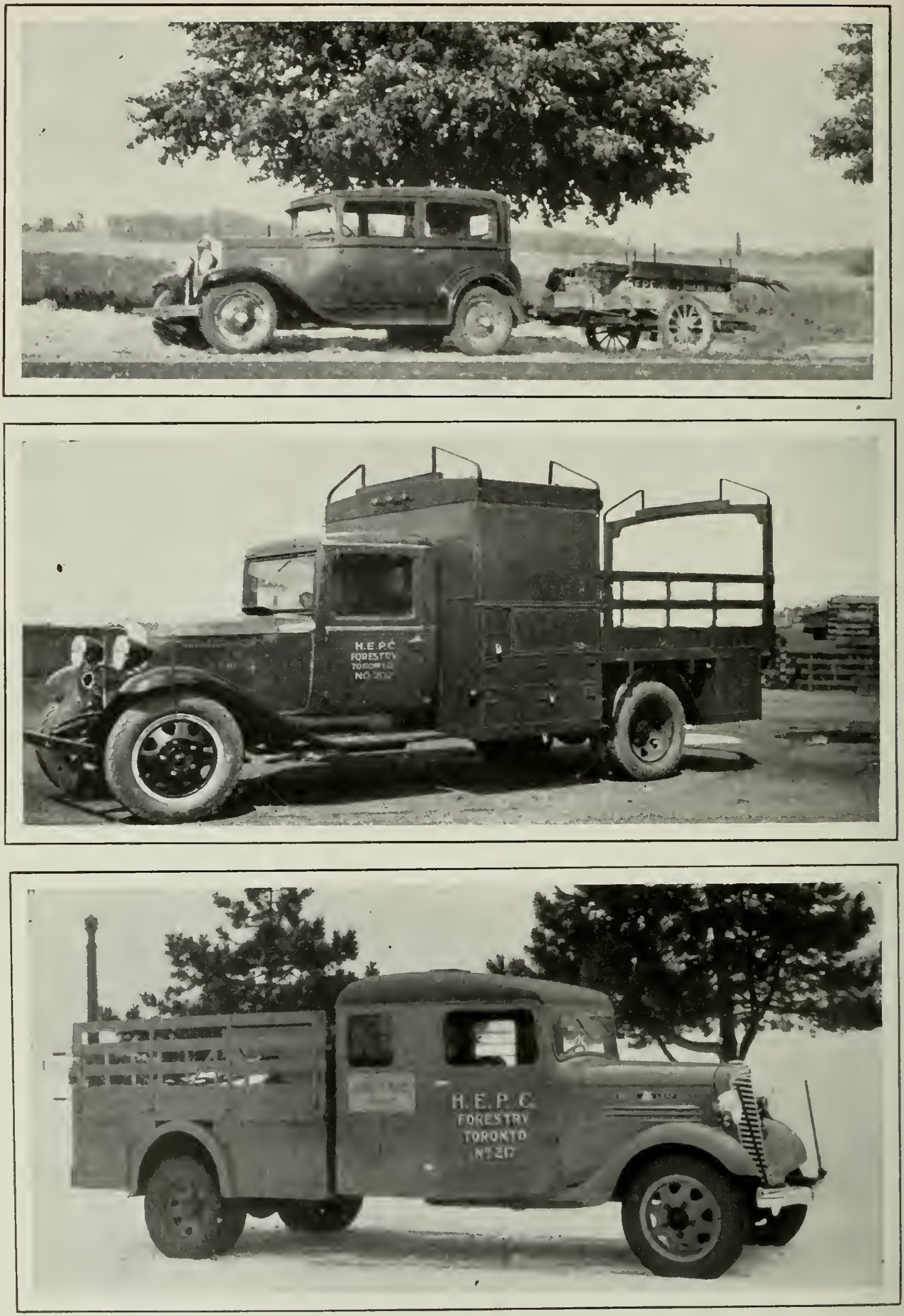
DECEW FALLS POWER DEVELOPMENT —
Erection of 16-foot penstock for No. 2 unit

IMPROVEMENT OF COMMUNICATIONS—Above: New telephone house at Chats Falls. Below: Carrier terminal equipment in new telephone house



LONG LAKE CONTROL DAM: Through this dam is released the water supply from the Long lake diversion project, to augment the flow of the Aguasabon river on which the Commission is constructing a power development

DES JOACHIMS POWER DEVELOPMENT—Preliminary work, in tail-race channel below power-house site. Taking soundings from cable across river to similar structure seen beneath pole at left


H.E.P.C.
FORESTRY
TORONTO
NO 202
H. E. P. C.
FORESTRY
TORONTO
Nº 217

PROGRESS IN TRANSPORTATION OF FORESTRY WORKERS

1—Car with equipment on trailer as used up to 1931. 2—Truck equipped with specially designed body for transportation of workers and tools, and disposal of brush. Used to 1936. 3—Improved combination unit for same purposes but having a weather-proof compartment for workers in front body. This is now being superseded by all steel body trucks, illustrated on page 35

DECENTRALIZATION OF INDUSTRY — A modern manufacturing plant at Barrie, Ontario

THE RED SEAL—Symbol of a well wired home

THE LINEMEN'S TRAINING SCHOOL

Learning to erect a pole

TORNADO DAMAGE—Razed by a tornado, a transmission tower similar to that at the extreme left of the picture lies in a flooded field near Windsor

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THIRTY-NINTH ANNUAL REPORT

OF

The Hydro-Electric Power Commission of Ontario

FOREWORD
and
Guide to the Report

THE Hydro-Electric Power Commission of Ontario administers a co-operative municipal-ownership enterprise, supplying power throughout the Province of Ontario. The Commission was created in 1906 by special act of the Legislature and followed investigations by advisory commissions appointed as a result of public agitation to conserve the water powers of Ontario as a valuable asset of the people and to provide a more satisfactory supply of low-cost power in southern Ontario. In 1907 the Power Commission Act (7-Edward VII Ch. 19) was passed amplifying and extending the Act of 1906, and this Act—modified by numerous amending acts which now form part of the Revised Statutes of Ontario, 1937, Chap. 62, and subsequent amending Acts—constitutes the authority under which the Commission operates.

The Hydro-Electric Power Commission of Ontario consists of a Chairman and two Commissioners, all of whom are appointed by the Lieutenant-Governor-in-Council to hold office during pleasure. One of the Commissioners must be a member of the Executive Council and two may be members.

In 1909, work was commenced on a comprehensive transmission system and by the end of 1910 power was being supplied to several municipalities.

The Commission has now been supplying electrical energy for more than thirty-six years and the Report contains diagrams depicting the growth of the enterprise. During this period the costs of electricity to the consumer have been substantially reduced and the finances of the enterprise have been established on a secure foundation.

At the end of 1946 the Commission was serving 924 municipalities in Ontario. This number included 26 cities, 125 towns and mining townsites, 304 villages and police villages and 469 townships. With the exception of 13 suburban sections of townships known as "voted areas," the townships and 123 of the smaller villages are now served as an amalgamated rural division of Hydro service with a uniform rate structure. Thus, no matter where rural service is given in Ontario by the Hydro, the rural consumer for the same class of service with the same consumption of electricity, pays the same amount on his quarterly bill.

Financial Features of Co-operative Systems

The basic principle governing the financial operations of the undertaking is, that electrical service be given by the Commission to the municipalities and by the municipalities to the ultimate consumers at cost. Cost includes not only all operating and maintenance charges, interest on capital investment and reserves for renewals or depreciation, for obsolescence and contingencies, and for stabilization of rates, but also a reserve for sinking fund or capital payments on debentures.

The undertaking from its inception has been entirely self-supporting and no contributions have been made from general taxes except in connection with service in rural power districts. In this case, the Province, in pursuance of its long established policy of assisting agriculture and with the approval of the urban citizens, assists extension of rural electrical service by a grant-in-aid of the capital cost and in other ways as specified and detailed in the Report.

As the principle of "service at cost" is radically different from that obtaining in private organizations, where profit is the governing feature, it naturally results in different and in some ways unique administrative features.

The undertaking as a whole involves two distinct phases of operations as follows:

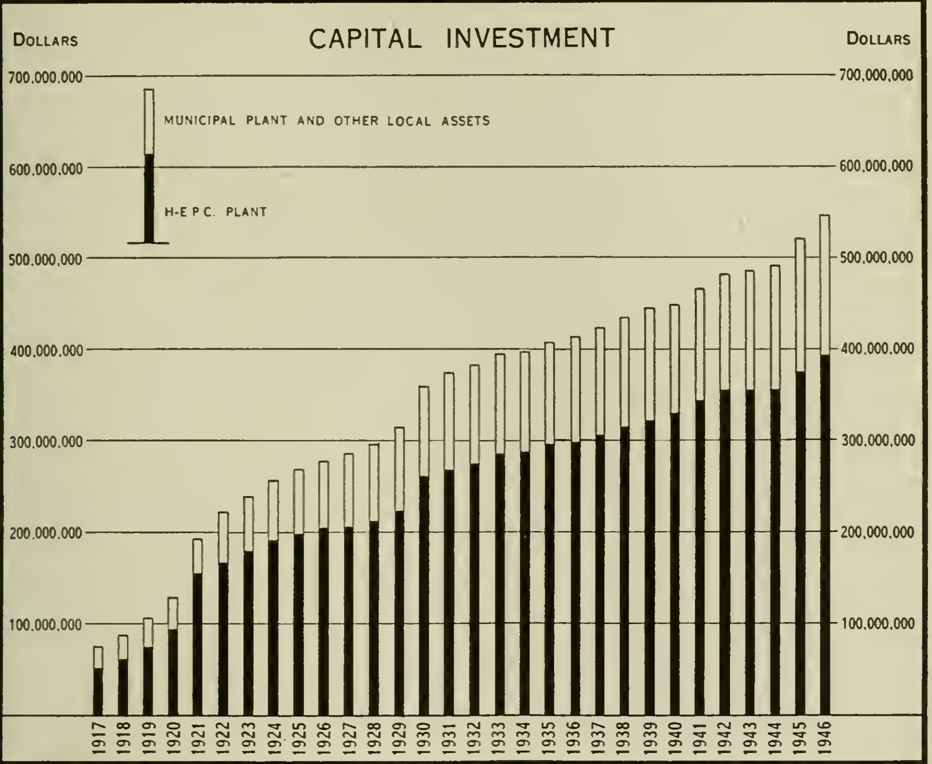
The *First* phase of operations is the provision of the electrical power—either by generation or purchase—and its transformation, transmission and delivery in *wholesale* quantities to individual municipal utilities, to large industrial consumers, and to rural power districts. This phase of the operations is performed by The Hydro-Electric Power Commission of Ontario as trustee for the municipalities acting collectively in groups or "systems", and the financial statements relating to these collective activities of the municipalities are presented in Section IX of the Report. Each system of municipalities, as provided in *The Power Commission Act*, forms an independent financial unit and the accounts are therefore segregated and separately presented for each system. In order, however, that there may be a comprehensive presentation of the co-operative activities of the undertaking as a whole, there are presented, in addition, for the two main systems and miscellaneous co-operative activities, a balance sheet of assets and liabilities, a statement of operations, a tabulation of fixed assets, and summary combined statements respecting the various reserves.

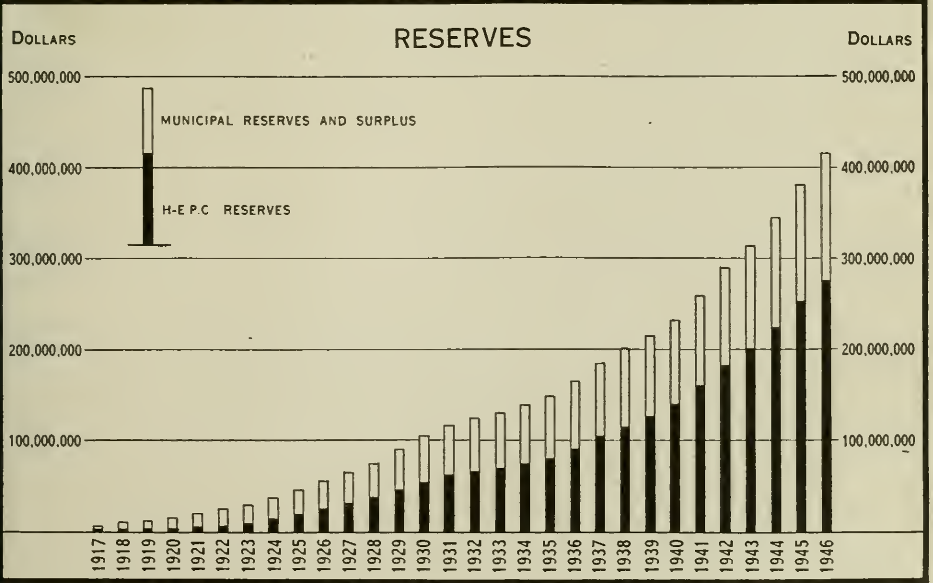
The *Second* phase of operations is the *retail* distribution of electrical energy to consumers, within the limits of the areas served by the various municipal utilities and throughout the rural areas of the Province. In the case of the consolidated rural power districts The Hydro-Electric Power Commission not only provides the power at wholesale, but also—on behalf of the respective individual townships—attends to all physical and financial operations connected with the distribution of energy at retail to the consumers, within the rural operating areas. Summary financial statements relating to rural electrical service are presented in Section IX of the Report, and a general report on this service is given in Section IV.

In the case of cities, towns, many villages and certain thickly populated areas of townships, retail distribution of electrical energy provided by the Commission is in general conducted by individual local municipal utilty commissions under the general supervision of The Hydro-Electric Power Commission of Ontario. The balance sheets, operating reports and statistical data relating to the individual urban electrical utilities are presented in Section X of the Report.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

THIRTY YEARS RECORD — ALL SYSTEMS


CAPITAL INVESTMENT


RESERVES

For the Northern Ontario Properties held and operated by the Commission in trust for the Province there are also presented in Section IX financial statements including a balance sheet, an operating account, and statements respecting reserves and capital expenditures.

Further details respecting administration and explanations of the financial tables presented in the Report are given in the introductions to sections IX and X on pages 123 and 203.

Co-operative Systems Operating

From time to time in accordance with provisions of *The Power Commission Act* various groups of municipalities have been co-ordinated to form systems for the purpose of obtaining power supplies from convenient sources. In some cases these small systems grew until their transmission lines interlocked with those of adjacent systems and it proved beneficial to consolidate the transmission networks and the financial and administrative features. Early in 1944 the three systems serving southern Ontario, the Niagara, Georgian Bay and Eastern Ontario systems, were amalgamated to form the *Southern Ontario System* and financially the amalgamation was made retroactive to apply to the fiscal year 1942-43. The three former systems are now known as *divisions* of the Southern Ontario system.

The Niagara division embraces municipalities in all the territory between Niagara Falls, Hamilton and Toronto on the east and Windsor, Sarnia and Goderich on the west. It is served with 25-cycle power supplied from plants on the Niagara river, supplemented with power transmitted from generating plants on the Ottawa river and with power purchased from Quebec companies.

The Georgian Bay division comprises municipalities in that part of the Province which surrounds the southern end of Georgian Bay and lies to the north of the territory served by the Niagara division. It includes the districts surrounding lake Simcoe and extends as far north as Huntsville in the Lake of Bays district and south to Port Perry. Its power supplies, 60 cycles, are derived chiefly from local water power developments.

The Eastern Ontario division serves all of Ontario east of the areas comprising the Georgian Bay and the Niagara divisions. It includes the districts of Central Ontario, St. Lawrence, Rideau, Ottawa and Madawaska; formerly separate systems. Its power supplies, 60 cycles, are from local developments supplemented by purchases from other sources.

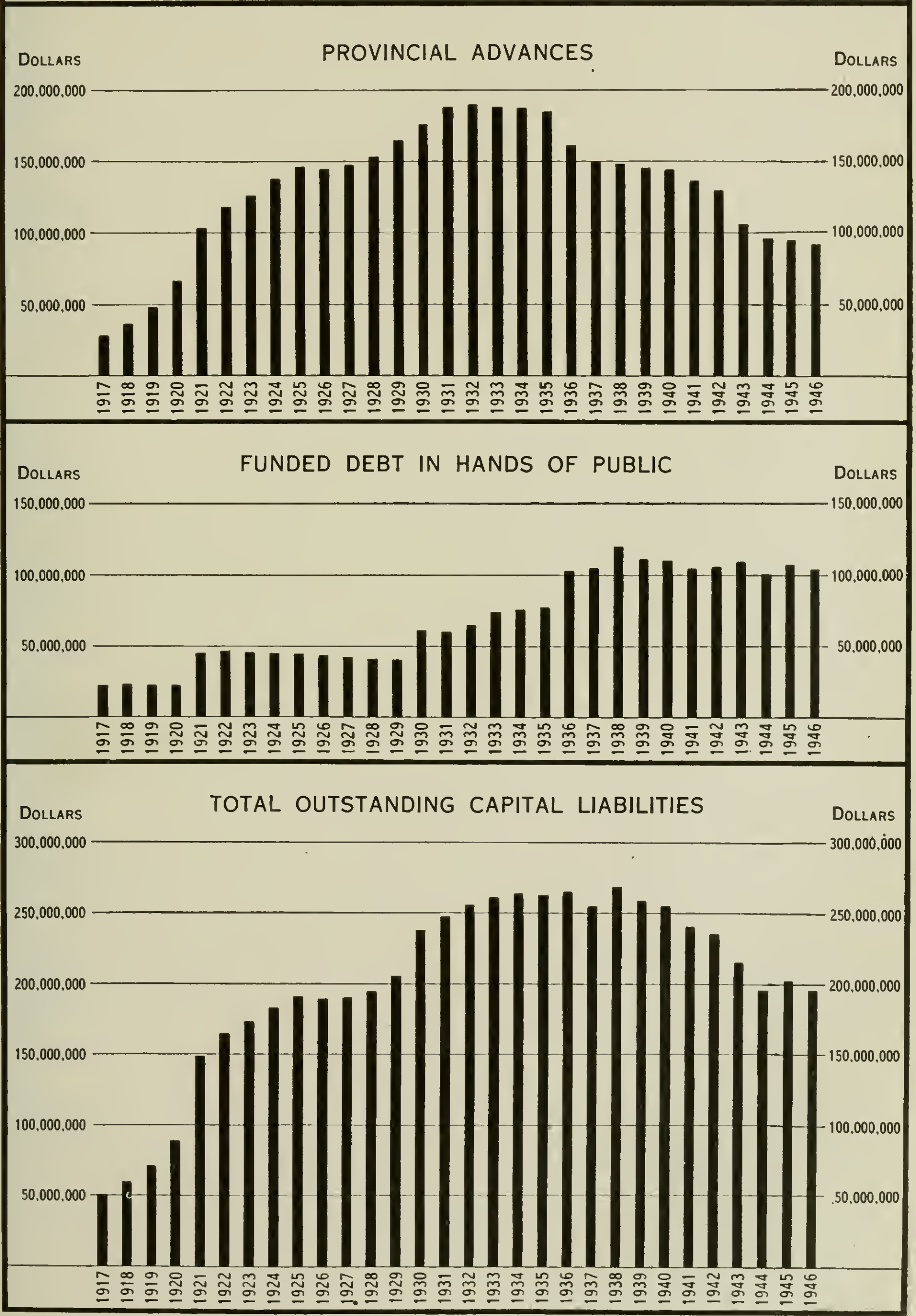
The Thunder Bay System comprises the cities of Port Arthur and Fort William, adjacent rural sections, the village of Nipigon, and the mining district of Longlac. Two developments on the Nipigon river supply 60-cycle power.

Northern Ontario Properties

In addition to its operations on behalf of the partner municipalities, the Commission, under an agreement with the Province, holds and operates the Northern Ontario Properties in trust for the Province. For the purposes of financial administration these properties are treated as one unit. The principal areas in the vast territory of northern Ontario at present receiving service are the *Abitibi District* comprising the territory served by 25-cycle power from the Abitibi Canyon development, together with a small area in the southern portion of the district of Sudbury in which mining properties are served with 60-cycle power; the *Timiskaming District* comprising the

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PROVINCIAL ADVANCES AND FUNDED DEBT



drainage basins of the Matabitchuan river, the Montreal river and a portion of the Mattagami river with eight generating plants, four 25 cycle and four 60 cycle; the *Sudbury District* comprising the city of Sudbury and the adjoining mining area known as Sudbury Basin; the *Nipissing District* centering around the city of North Bay on the shore of lake Nipissing; the *Patricia District* comprising the territory within transmission distance from the Ear Falls development at the outlet of lac Seul on the English river including the Red Lake mining area, and the territory immediately north of lake St. Joseph in the territorial district of Patricia served with power from a development at Rat Rapids on the Albany river; and the *Rainy River district* which derives its power from the Thunder Bay system. Included in the Northern Ontario Properties are rural districts on Manitoulin island, and others adjacent to the communities served in the various districts of northern Ontario. Power supplies are 60 cycle except from Abitibi canyon development, and four plants in Timiskaming district.

The geographic boundaries of the various systems and districts are shown on the maps of transmission lines and stations at the back of the Report.

The power supplies for the systems and Northern Ontario districts are listed in the first table of Section II of the Report on pages 16 and 17.

The Annual Report

The table of contents, pages xxxiii and xxxiv lists the matters dealt with in the Report. At the end of the Report there is a comprehensive index. To those not conversant with the Commission's Reports, the following notes will be useful.

In Section II, pages 15 to 37, dealing with the operations of the systems, are a number of diagrams showing graphically the monthly loads on the several systems and districts. Tables are also presented showing the amounts of power taken by the various municipalities during the past two years.

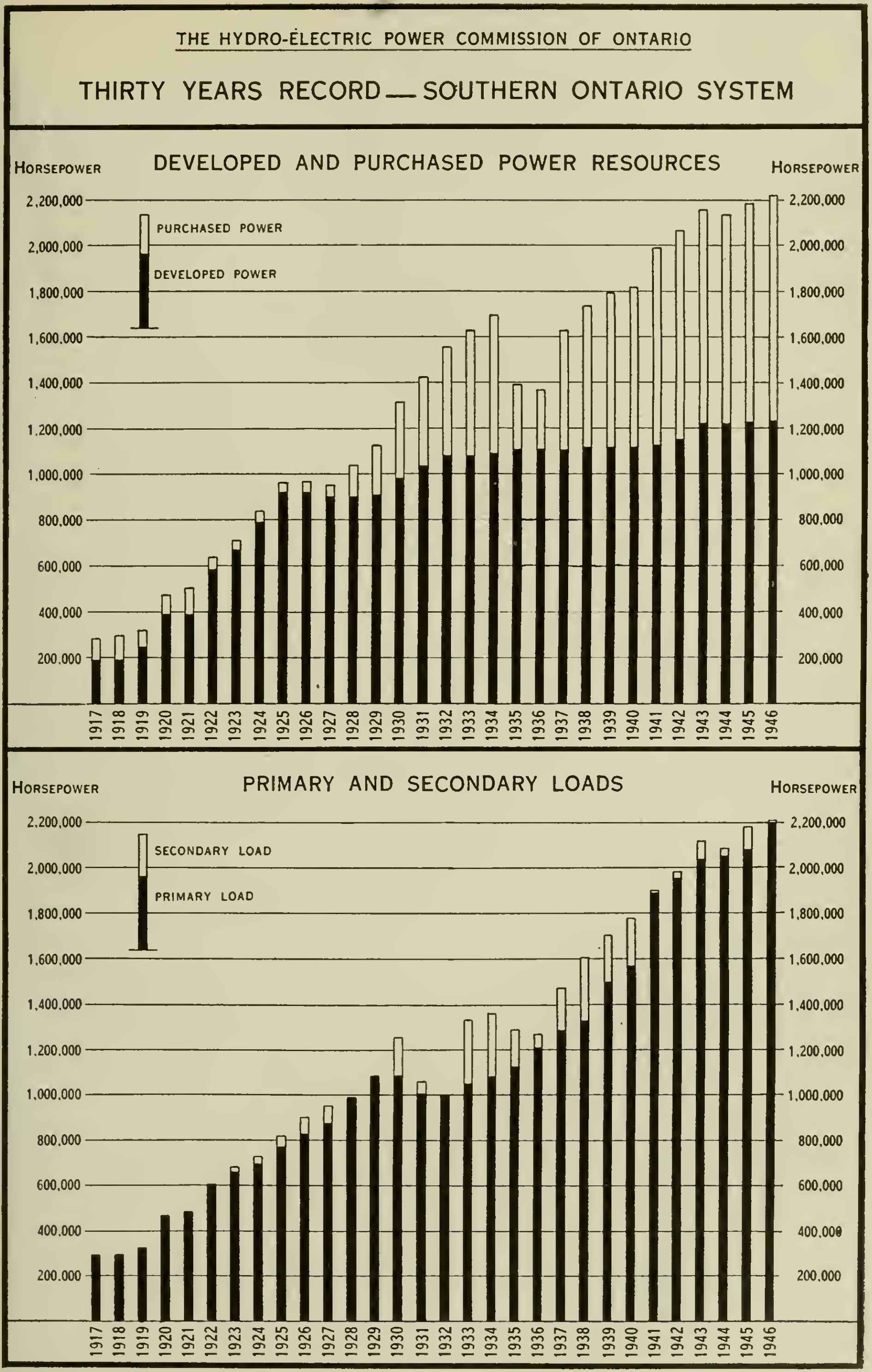
The rural distribution work of the Commission has proved of widespread interest and special reference to this is made in Section IV on pages 55 to 74.

In Sections VI and VII will be found information respecting progress of work on new power developments and on transmission system extensions, together with photographic illustrations.

About one-half of the Report is devoted to financial and other statistical data which are presented in two sections IX and X already referred to above.

Frequent enquiries for the rates for service to consumers are received by the Commission. For the urban municipalities served by the Commission these are given in Statement "E" starting on page 340. For the rural power districts they are given in Section IV on page 60. Certain statistical data resulting from the application of the rates in urban utilities are given in Statement "D". This statement is prefaced by a special introduction starting on page 320.

In its Annual Reports the Commission aims to present a comprehensive statement respecting the activities of the whole undertaking under its administration. Explanatory statements are suitably placed throughout the Report. The Commission receives many letters asking for general information respecting its activities, as well as requests for specific information concerning certain phases of its operations. In most cases the enquiries can satisfactorily be answered by simply directing attention to information presented in the Annual Report.



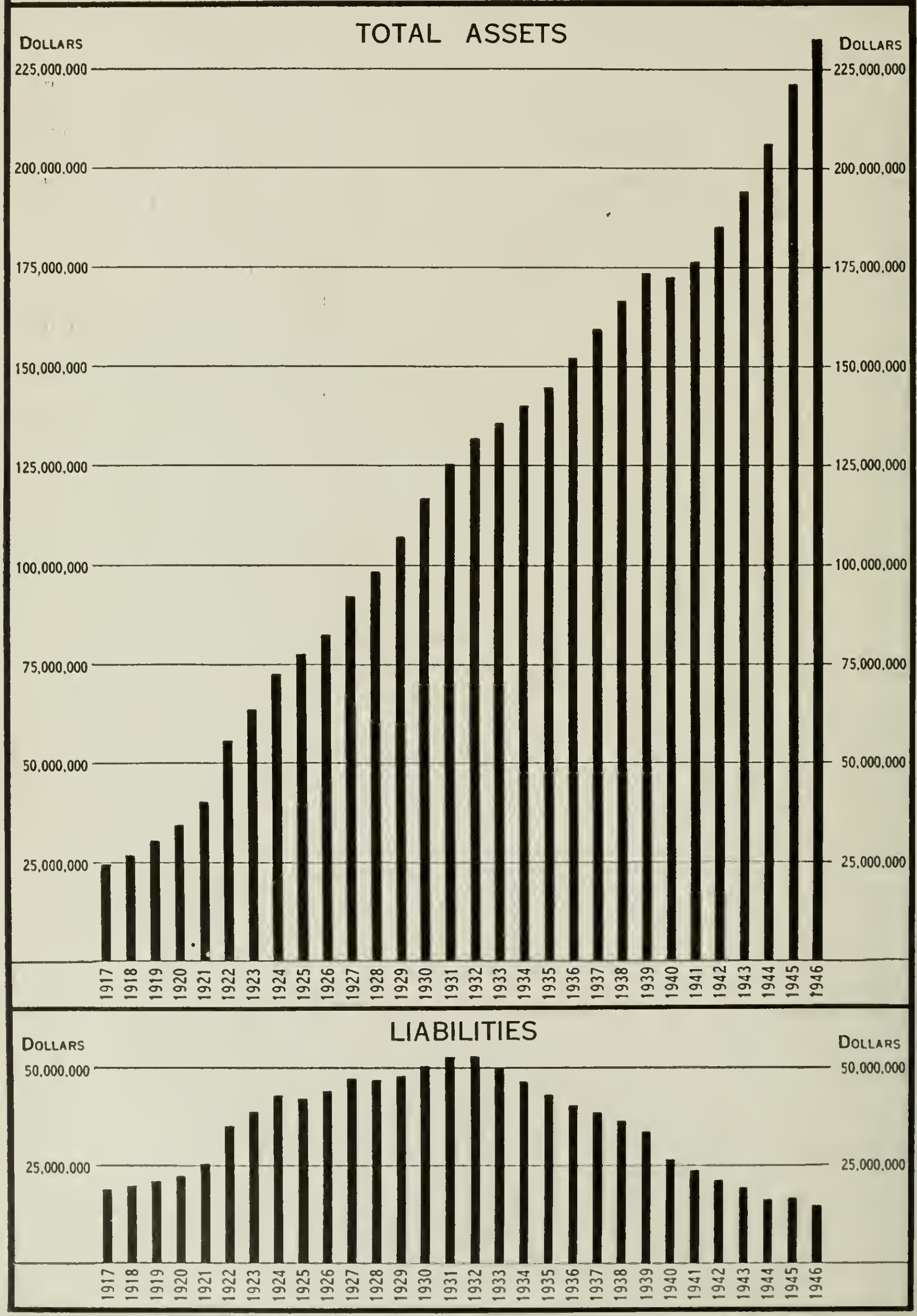
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

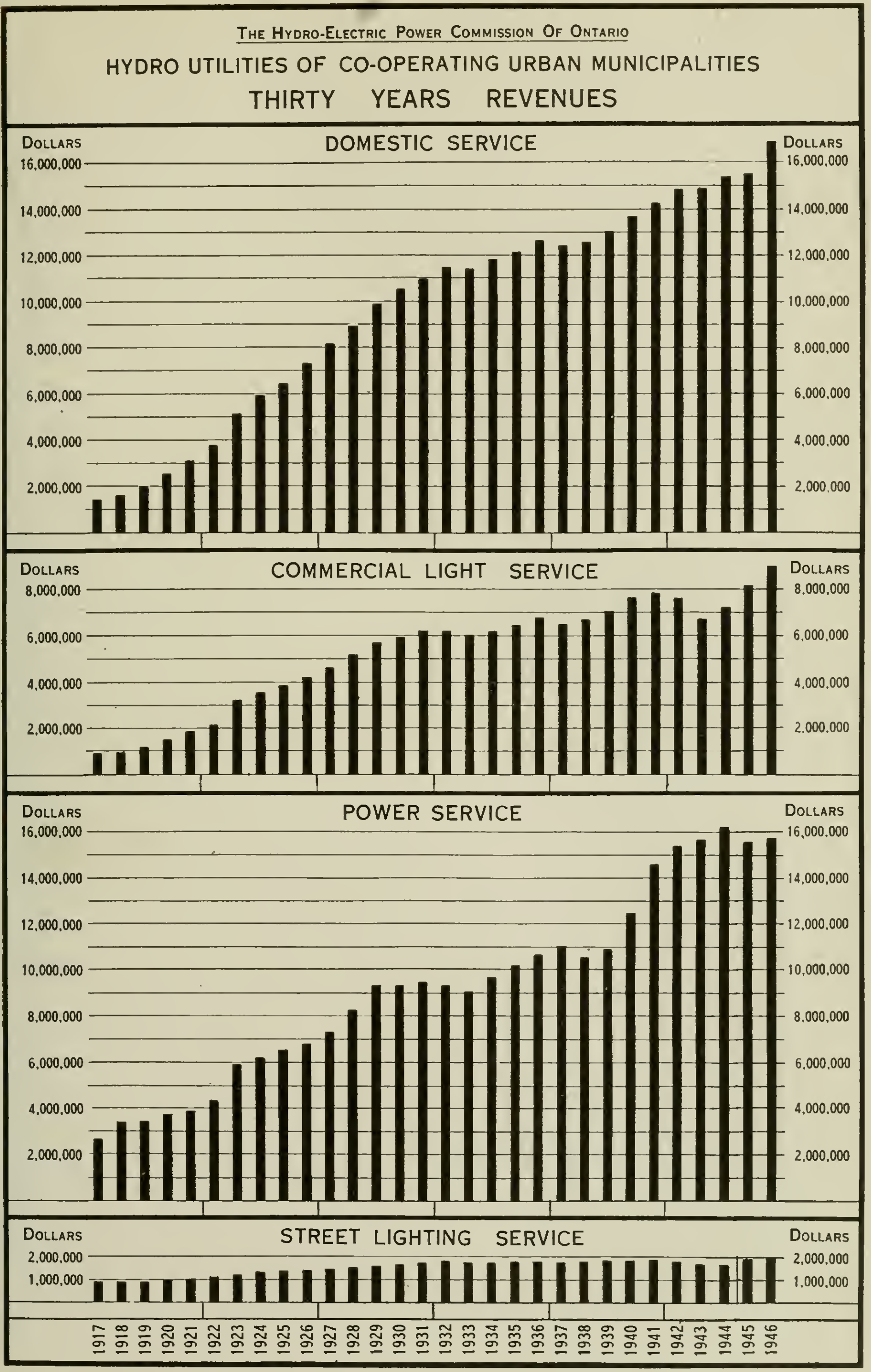
THIRTY YEARS RECORD—SOUTHERN ONTARIO SYSTEM

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES

THIRTY YEARS RECORD





THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES

THIRTY YEARS REVENUES

SECTION I

LEGAL

AT THE 1946 Session of the Legislative Assembly of the Province of Ontario an Act respecting The Hydro-Electric Power Commission of Ontario was passed. The said Act is reproduced in full in Appendix I of this Report. The short title of the Act is as follows:

The Power Commission Amendment Act, 1946, Chapter 73.

The agreements between The Hydro-Electric Power Commission of Ontario and municipalities, persons and corporations mentioned in the list hereunder given were approved by Orders-in-Council.

CO-OPERATIVE SYSTEMS

Villages

Bobcaygeon	April 9, 1946
Tiverton	Sept. 19, 1946

Townships

Alfred	Dec. 5, 1945
Darlington	Mar. 2, 1946
Dover	July 10, 1946
Eramosa	Jan. 7, 1946
Esquesing	Sept. 3, 1946
Greenock	Oct. 26, 1946
Guelph	July 18, 1946
McMurrich	Sept. 22, 1945
Oro	April 2, 1946
Reach	June 1, 1946
Rolph, Wylie, Buchanan & McKay	Mar. 27, 1946
Ryerson	Dec. 15, 1945
Uxbridge	Mar. 11, 1946
Yarmouth	Sept. 9, 1946

Improvement District

Wasaga Beach	Mar. 12, 1946

Corporations

American Nepheline Limited	Aug. 2, 1946
Atlas Steels Limited	July 23, 1946
Atlas Steels Limited and The Hydro-electric Commission of the City of Welland	Dec. 17, 1946
Beaver Wood Fibre Company, Limited	June 27, 1946
Beaver Wood Fibre Company, Limited	Dec. 18, 1946
Brompton Pulp & Paper Company Limited	Aug. 2, 1946
Canada Talc Limited	Mar. 6, 1946
Canadian Industries Limited	Aug. 26, 1946
Canadian Northern Ontario Railway Company	Mar. 30, 1946
Canadian Pacific Railway Company—"Agreement A"	June 29, 1946
Canadian Pacific Railway Company—"Agreement B"	June 29, 1946
Cedars Rapids Transmission Company, Limited	June 4, 1946

Corporations (Continued)

Exolon Company Incorporated	Feb. 4, 1946
Hayes Steel Products Limited	May 29, 1946
His Majesty the King, represented by the Deputy Minister of National Defence for Air	April 1, 1946
His Majesty the King, represented by the Minister of National Defence for air	Sept. 1, 1946
International Nickel Company of Canada Limited	Nov. 11, 1946
Maple Leaf Milling Company, Limited	Dec. 2, 1946
National Harbour Board	April 17, 1946
Norton Company	Nov. 28, 1946
Ontario Paper Company Limited	Aug. 26, 1946
Page-Hersey Tubes, Limited	Nov. 20, 1946
Roe, A.V., Canada Limited	Dec. 1, 1945
Somerville Limited	June 3, 1946
University of Toronto	June 13, 1946

NORTHERN ONTARIO PROPERTIES

Town

Chelmsford	Aug. 11, 1941

Townships

Balfour	Aug. 11, 1941
Barrie Island	May 3, 1941
Blezard	Aug. 11, 1941
Hanmer	Aug. 11, 1941
Rayside	Aug. 13, 1941

Municipalities

Black River	April 13, 1946
Emo	Mar. 6, 1940
Lavallee	April 6, 1940

Corporations

Amalgamated Larder Mines Limited	Jan. 7, 1946
Bayview Red Lake Gold Mines Limited	Jan. 15, 1946
Bidgood Kirkland Gold Mines Limited	June 6, 1946
Buffalo Ankerite Gold Mines Limited	Jan. 4, 1946
Campbell Red Lake Mines Limited	Jan. 28, 1946
Canadian Northern Ontario Railway Company	June 1, 1946
Dickenson Red Lake Mines Limited	Jan. 11, 1946
Falconbridge Nickel Mines Limited	Feb. 28, 1946
Golden Arrow Mines Limited	April 16, 1946
Hallnor Mines Limited	May 7, 1946
Heath Gold Mines, Limited	Jan. 2, 1946
Hollinger Consolidated Gold Mines Limited	June 5, 1946
Hudson-Rand Gold Mines Limited	Mar. 13, 1946
Huronian Company Limited and The International Nickel Company of Canada, Limited	April 19, 1946
Huronian Company Limited	April 19, 1946
Huronian Company Limited and The International Nickel Company of Canada Limited	Oct. 2, 1946
Lake Rowan (1945) Mines Limited	Jan. 11, 1946
Lebon Gold Mines Limited	Jan. 28, 1946
Madsen Red Lake Gold Mines Limited	May 23, 1946
Matachewan Consolidated Gold Mines Limited	Sept. 27, 1946
Naybob (1945) Gold Mines Limited	May 17, 1946
Nickel Offsets Limited	Sept. 16, 1946
Omega Gold Mines	April 1, 1946
Pamour Porcupine Mines Limited	May 7, 1946
Paymaster Consolidated Mines Limited	Mar. 6, 1946
Porcupine Reef Gold Mines, Limited	May 16, 1946
Preston East Dome Mines, Limited	Aug. 16, 1946
Queenston Gold Mines, Limited	Sept. 25, 1946
Silanco Mining & Refining Company Limited	Aug. 9, 1946
Silanco Mining & Refining Company Limited	Aug. 22, 1946
Wright-Hargreaves Mines Limited	Aug. 10, 1946

RIGHT-OF-WAY AND PROPERTY

THE continuing activity in the construction programmes, particularly in the development of additional power sites, has created a large demand for the purchase of property for flooding purposes, station sites, and transmission line rights-of-way. Where ownership of the land affected was not considered necessary, suitable easement rights were obtained.

SOUTHERN ONTARIO SYSTEM

Continuing as in recent years, term easements have been renewed upon expiration, and rights-of-way obtained for newly constructed high-tension transmission lines and rural lines.

Several properties were secured for rural operating area offices, and existing offices have been maintained and where necessary improved.

Niagara Division

Progress has been made in the purchase of lands and easement rights required for the raising of water elevations for power developments on the upper Ottawa river and Madawaska river. Negotiations were commenced to divert existing highway and railway facilities for a distance of approximately 10 miles to provide an adequate water storage area. Arrangements were also made to move a number of existing buildings.

Easement rights were obtained for a 110,000-volt steel-tower transmission line extending northwesterly from Scarborough frequency-changer and transformer station to Barrie transformer station.

Property was purchased to provide a right-of-way for a transmission line from the new Scarborough frequency-changer and transformer station to Leaside transformer station.

Easements were secured and property purchased for the 110,000-volt line from Scarborough frequency-changer and transformer station to Oshawa.

A site was purchased for the new Scarborough frequency-changer and transformer station.

Additional easement rights were secured for the steel-tower line from Kent transformer station to St. Clair transformer station.

Additional lands were purchased for the Islington transformer station and service centre.

The proposed 220,000-volt line from Des Joachims to Burlington was studied and a large amount of preliminary work completed.

Additional property was purchased and easement rights secured in connection with the DeCew Falls development.

Georgian Bay System

Easement rights were obtained for a transmission line from Coldwater junction to Bass Lake distribution station, and from Thornton junction to Alcona Beach distribution station.

Additional term easements were renewed and easement rights negotiated for newly constructed lines.

Property was purchased for several distribution stations including those at Grand Valley and Port Elgin.

Eastern Ontario Division

Several additional properties were purchased in connection with the Stewartville development.

Further progress was made in the acquisition of easement rights for the 110,000-volt transmission line from Merivale Road junction to Cornwall transformer station.

Easement rights were secured for a feeder line from Frontenac transformer station to the Canadian Industries Limited nylon plant situated on the outskirts of Kingston.

A large amount of preliminary work was done in connection with a proposed line from Barrett Chute to Oshawa and some settlements were obtained.

A site was purchased for a transformer station at Cobden.

Easement rights were purchased for a number of rural service lines constructed during the past year.

Buildings were purchased and are being renovated for use as rural offices and superintendents' residences for Plantagenet and Delta rural operating areas.

THUNDER BAY SYSTEM

Progress was made in obtaining a right-of-way for a 110,000-volt steel-tower line from Alexander generating station to Aguasabon, where a new development is being constructed.

An extensive rural service programme in the Fort Francis area made it necessary to acquire many easement rights.

NORTHERN ONTARIO PROPERTIES

Negotiations for many easement rights needed but not previously secured were completed, and rights-of-way for newly constructed lines were acquired in various areas served by the Northern Ontario Properties.

A site was purchased for a distribution station at Blezzard Valley.

SURVEYS

The survey work of the Commission has greatly increased because of the hydraulic developments now in progress at DeCew Falls, Stewartville and Des Joachims and the many new stations and transmission lines being built throughout the Province.

GENERAL

Assessment notices and tax bills from 375 municipalities were certified and where necessary appeals were entered against assessments not in accordance with The Power Commission Act. A total of 762.54 acres of land was acquired for the Commission's purposes, and during the year 165.40 acres of surplus land were sold.

All available land was leased for agricultural or other purposes and the revenue derived therefrom continued to increase.

A number of recently acquired buildings in the immediate vicinity of the head office were renovated for use as temporary office space.

A total of 4,406 documents were secured and recorded during the past year.

SECTION II

OPERATION OF THE SYSTEMS

DURING the fiscal year ended October 31, 1946, no permanently new generating capacity was added to the Commission's power resources. From June 1 to November 30, 1946, the 5,000 horsepower steam plant of the War Assets Corporation at Nobel was operated by the Commission on a rental basis to augment the power sources available to the Georgian Bay division of the Southern Ontario system.

Water conditions during the 1945-46 winter season were very favourable. An early 1946 spring run-off, one full month ahead of normal, was followed by extremely light precipitation, especially in the southern part of the Province. This caused a serious water shortage during the summer and fall months on the rivers supplying the generating stations on the Georgian Bay and the Eastern Ontario divisions of the Southern Ontario system. Not for several years had there been so serious a seasonal water shortage on these rivers. In the northern part of the Province water conditions, on the whole, were similar, though not as serious as those in Southern Ontario, with the result that most storage reservoirs throughout the Province were much below normal level on entering the 1946-47 winter season.

Except for a cyclone which did a large amount of damage to the Commission's transmission lines in the Windsor area, no special operating difficulties were encountered on the Southern Ontario system, although it was a problem, with power demands still holding at or above wartime levels, to release equipment from service duties for necessary maintenance.

Load Conditions November 1, 1945. to October 31, 1946

Contrary to the expectation that power demands would recede following the ending of the war, primary demands continued to rise above those of the war years. Throughout the winter of 1945-46 primary peak loads continued, month by month, to exceed the demand for the corresponding month of the previous year, and not until the spring and summer months, when labour disputes closed down many plants, was there any appreciable drop in demand from the previous year. In October 1946, following the settlement of most of the labour disputes and the return of closed-down plants to production, primary demands reached an all-time high.

TOTAL POWER GENERATED

HYDRO-ELECTRIC GENERATING PLANTS

Generating plants	Maximum normal plant capacity Oct. 31, 1946 horsepower	Peak load during fiscal year		Total output during fiscal year	
		1944–45 horse-power	1945–46 horse-power	1944–45 kilowatt-hours	1945–46 kilowatt-hours
Southern Ontario System					
Niagara division					
Queenston-Chippawa—Niagara river	500,000	495,979	516,086	2,849,865,000	2,749,065,000
"Ontario Power"—Niagara river	180,000	184,987	183,646	1,123,406,300	1,115,761,700
"Toronto Power"—Niagara river	150,000	146,113	144,772	844,141,900	841,152,400
Chats Falls (Ontario half)—Ottawa river	108,000	117,292	115,952	324,656,150	378,919,150
DeCew Falls (25 cycle)—Welland canal	72,000	71,582	74,799	411,503,000	378,532,000
DeCew Falls (66⅔ cycle)—Welland canal	50,000	49,598	51,609	196,880,900	193,767,400
Georgian Bay division					
Big Eddy—Muskoka river	9,500	10,556	10,590	38,117,600	34,691,520
Ragged Rapids—Muskoka river	10,000	10,858	11,361	41,514,510	39,104,910
Bala No. 1 and No. 2—Muskoka river	600	509	496	1,377,840	2,031,760
South Falls—South Muskoka river	5,600	5,764	5,764	30,719,820	29,421,390
Hanna Chute—South Muskoka river	1,600	1,743	1,743	9,227,500	9,062,100
Trethewey Falls—South Muskoka river	2,300	2,279	2,279	11,476,800	11,284,800
Big Chute—Severn river	5,800	5,871	5,952	26,507,120	25,988,360
Wasdells Falls—Severn river	1,200	1,086	1,206	4,019,964	3,793,909
Eugenia Falls—Beaver river	7,500	7,882	7,614	23,050,400	22,955,200
Hanover—Saugeen river	400	402	402	552,528	1,142,688
Walkerton—Saugeen river	500	483	496	2,159,100	2,110,000
Caledon Electric—Credit river (Hydraulic and Diesel units)	800	637	757	1,412,660	1,347,120
Nobel steam plant—Rented from the War Assets Corporation	5,000	.....	4,993	....	2,423,040
Eastern Ontario division					
Sidney—Dam No. 2—Trent river	4,500	5,395	5,362	23,288,100	21,558,000
Frankford—Dam No. 5—Trent river	3,500	3,887	3,954	17,519,650	16,264,050
Sills Island—Dam No. 6—Trent river	2,100	2,252	2,232	10,231,040	10,504,720
Meyersburg—Dam No. 8—Trent river	7,000	7,942	7,842	38,684,020	35,470,720
Hague's Reach—Dam No. 9—Trent river	4,500	5,060	5,027	23,808,220	21,432,470
Ranney Falls—Dam No. 10—Trent river	11,500	12,252	11,810	59,409,280	53,429,740
Seymour—Dam No. 11—Trent river	4,200	4,692	4,457	21,505,440	18,749,760
Heely Falls—Dam No. 14—Trent river	15,300	16,287	16,086	75,443,900	63,984,330
Auburn—Dam No. 18—Trent river	2,400	2,869	2,668	12,304,920	10,900,010
Lakefield—Otonabee river	2,300	2,373	2,473	7,464,580	8,601,690
Fenelon Falls—Dam No. 30—Sturgeon river	1,000	891	938	3,300,575	3,832,265
Galetta—Mississippi river	1,100	1,206	1,200	2,902,200	2,998,800
High Falls—Mississippi river	3,400	3,485	3,519	9,421,920	10,563,840
Calabogie—Madawaska river	6,000	6,434	6,676	26,942,330	25,276,240
Barrett Chute—Madawaska river	54,000	53,619	54,960	171,236,600	162,809,200
Thunder Bay System					
Cameron Falls—Nipigon river	72,000	74,397	77,748	416,601,900	423,873,400
Alexander—Nipigon river	70,000	71,716	73,727	299,628,800	390,710,800
Northern Ontario Properties					
Abitibi district					
Abitibi Canyon—Abitibi river	240,000	227,346	203,083	999,847,500	919,932,100
Timiskaming district					
Matabitchuan—Matabitchuan river	12,000	11,796	12,064	17,632,000	31,667,300
Upper Notch—Montreal river	11,300	10,724	11,662	26,716,430	54,525,000
Fountain Falls—Montreal river	2,700	2,681	2,681	7,196,308	13,767,030
Hound Chute—Montreal river	4,800	4,859	4,866	14,703,381	23,626,375
Indian Chute—Montreal river	3,800	3,887	3,887	10,829,020	18,206,006
Lower Sturgeon—Mattagami river	8,000	8,043	8,177	24,196,664	41,168,203
Sandy Falls—Mattagami river	4,300	4,290	4,290	11,821,774	18,631,541
Wawaitin—Mattagami river	12,200	12,064	12,466	20,545,075	46,830,935
Sudbury district					
Coniston—Wanapitei river	5,900	5,831	5,898	24,334,400	28,177,050
McVittie—Wanapitei river	3,100	3,150	3,445	17,858,400	18,286,040
Stinson—Wanapitei river	7,500	7,802	7,882	22,496,500	27,611,600
Crystal Falls—Sturgeon river	10,000	10,925	10,791	36,810,500	31,169,500
Nipissing district					
Nipissing—South river	2,100	2,151	2,232	6,963,520	6,852,840
Bingham Chute—South river	1,200	1,287	1,267	4,233,040	4,308,640
Elliott Chute—South river	1,700	1,890	1,903	4,118,000	4,466,400
Patricia district					
Rat Rapids—Albany river	1,800	2,064	2,038	9,973,760	11,145,340
Ear Falls—English river	17,000	13,941	15,013	58,021,120	68,024,080
	1,725,000	*	*	8,478,579,959	8,491,910,465

*Because the peak loads on the various generating plants and purchased power sources usually occur at different times, the sum of the individual peak loads would not represent the sum of the peak loads on the systems. These, in the case of each system, must relate to the maximum load occurring at any one time. Consequently, the column "Peak load" is not totalled.

AND PURCHASED—ALL SYSTEMS

POWER PURCHASED

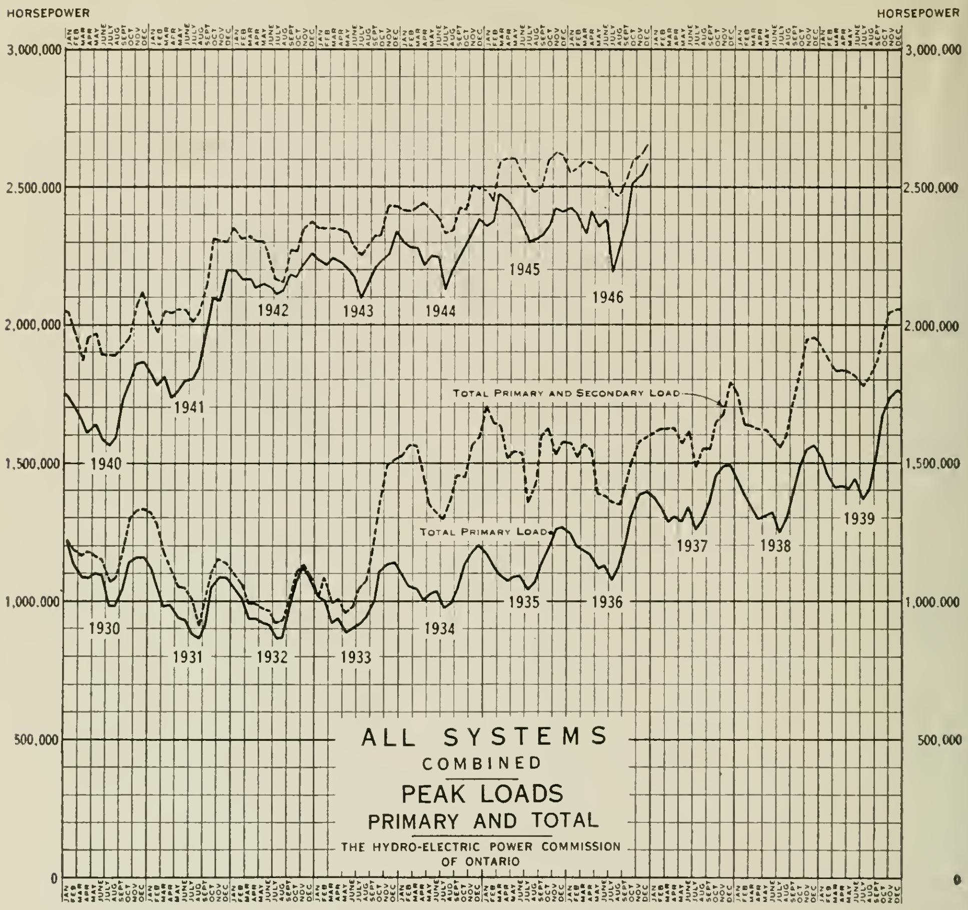
Power sources	Contract amount horsepower Oct. 31, 1946	Total purchased	
		1944–45 kilowatt-hours	1945–46 kilowatt-hours
SOUTHERN ONTARIO SYSTEM			
Canadian Niagara Power Co.	20,000	91,597,300	91,597,300
Department of Transport (Welland Ship Canal)	......	5,261,600	989,900
Gatineau Power Co.	340,000	1,472,365,460	1,507,401,600
Ottawa Valley Power Co.	108,000	327,486,250	382,040,850
Beauharnois Light, Heat and Power Co.	300,000	1,300,670,000	1,341,560,000
MacLaren-Quebec Power Co.	185,000	756,025,000	823,169,825
M. F. Beach Estate	500	2,979,600	3,034,000
Rideau Power Co.	400	1,891,500	1,874,400
Campbellford Water and Light Commission	800	4,478,900	2,345,700
Miscellaneous	......	3,388,658	3,493,400
THUNDER BAY SYSTEM			
Kaministiquia Power Co.	......	31,788,480	14,963,520
Miscellaneous	......	237,900	0
NORTHERN ONTARIO PROPERTIES			
Manitoulin Pulp Co.	800	1,876,800	2,547,200
Abitibi Power and Paper Co.	......	8,606,272	5,089,152
Miscellaneous	......	993,500	0
Total purchased	955,500	4,009,647,220	4,180,106,847

Power purchased, contract amount, 1946	955,500	horsepower
Maximum normal plant capacity, 1946	1,725,000	"
Total available capacity generated and purchased, 1946	2,680,500	"
Total available capacity generated and purchased, 1945	2,672,000	"
Difference (increase)	8,500	"
Total energy purchased, 1946	4,180,106,847	kilowatt-hours
Total energy generated, 1946	8,491,910,465	"
Total energy generated and purchased, 1946	12.672,017,312	"
Total energy generated and purchased, 1945	12,488,227,179	"
Difference (increase)	183,790,133	"

CAUTION: The figures for "Maximum normal plant capacity" reflect the capacity of the various plants under the most favourable conditions which can reasonably be considered as normal, taking into consideration turbine capacity as well as generator capacity, and also the net operating head and available water supply.

Owing, among other things, to changes in generating equipment due to wear and tear or the replacement of parts, also to changes in limitations governing water levels and effective net heads, the maximum normal plant capacity is not a fixed quantity but is one which must be revised from time to time.

It is particularly important to bear in mind that the column headed "Maximum normal plant capacity" cannot be taken as an indication of the dependable capacity of the various plants; in some cases it is, but in many cases it is not. Chief among the factors which govern the maximum dependable capacity of an hydraulic power plant and which are not reflected in column headed "Maximum normal plant capacity" are abnormal variations in water supply and operating limitations encountered when plants are so situated on a given stream as to be affected by one another.


ALL SYSTEMS COMBINED

PEAK LOADS

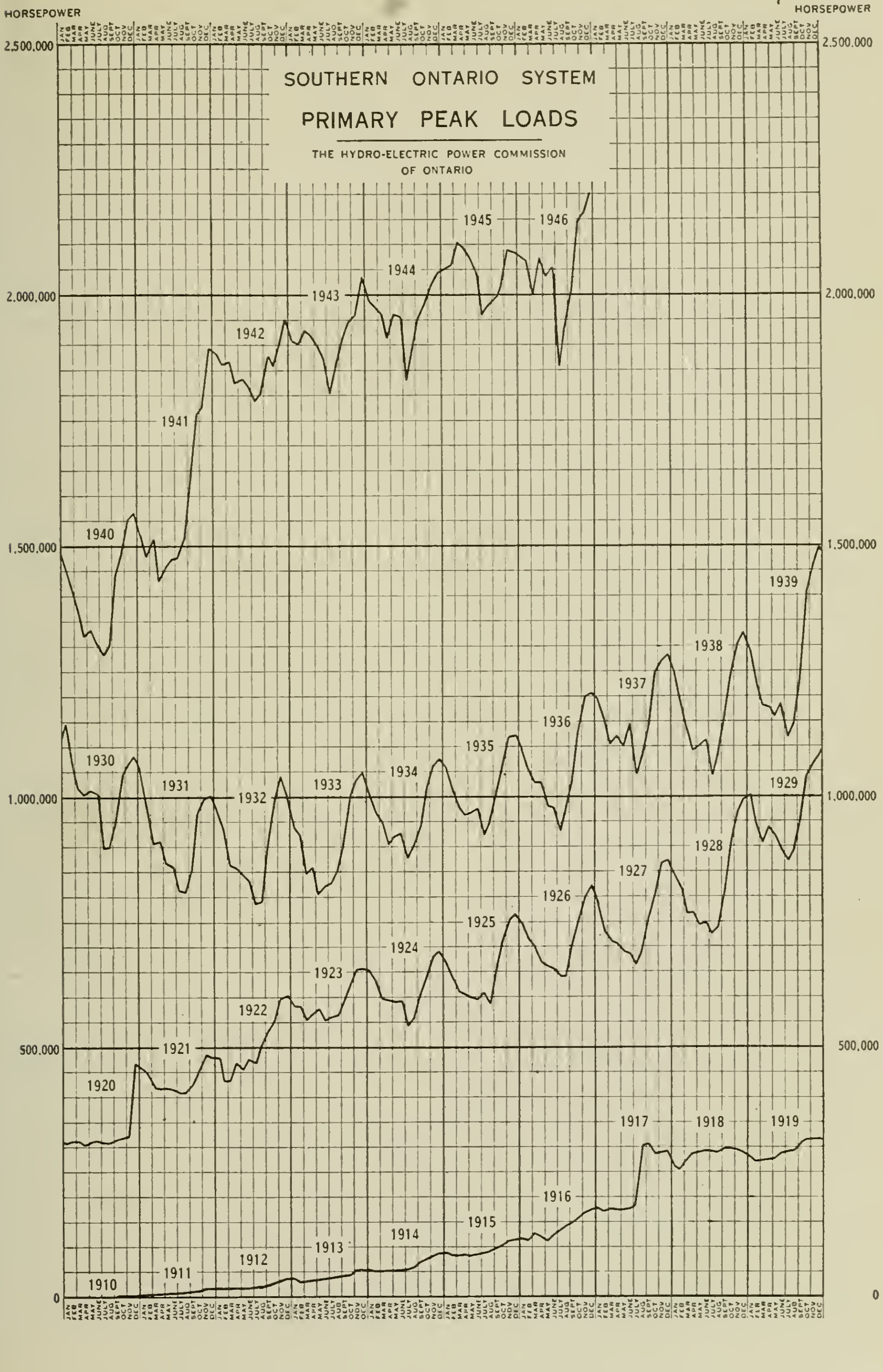
PRIMARY AND TOTAL

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

The total peak output on the Commission's combined systems was 2,625,000 horsepower. This exceeded the record output of the previous year by the small margin of 17,000 horsepower. The total energy output from all generated and purchased sources amounted to 12,672,017,312 kilowatt-hours, exceeding the previous year's output by 1.5 per cent.

The output for primary power purposes was 2,515,000 horsepower, exceeding all previous records for this class of power. Compared with the corresponding output in the previous year, when primary demands reached their highest levels for the war years, it shows an increase of 44,000 horsepower or 1.8 per cent. The energy output for primary power purposes dropped 1.4 per cent from 11,110,000,000 kilowatt-hours in 1945 to 10,951,000,000 kilowatt-hours in 1946. This drop in primary energy in contrast with the rise in peak demand reflects the effect of reduced demands during part of the year resulting from labour disputes.

The load figures quoted above represent loads actually carried. In interpreting them, it must be borne in mind that, owing to a deficiency in power resources, which became critical in October 1946, loads have been



SOUTHERN ONTARIO SYSTEM

PRIMARY PEAK LOADS

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

severely curtailed in Southern Ontario. A comparison of potential power demands would show a somewhat greater increase than indicated by the above figures.

Details regarding the peak loads of the Southern Ontario and the Thunder Bay systems and of the several districts of the Northern Ontario Properties are given in the load curves in this section of the Report.

SOUTHERN ONTARIO SYSTEM

All power resources available to the Southern Ontario system were, for the most part, fully utilized throughout the year. On many days primary peak demands exceeded the system's resources and, as pointed out in the paragraphs above, the load figures which are quoted below for the Southern Ontario system, represent loads actually carried. Similar comments apply to their interpretation.

The maximum peak output on the system for both primary and secondary power was 2,193,000 horsepower, exceeding the corresponding output of the previous year by the small margin of 15,000 horsepower. The maximum output for primary power purposes was 2,147,000 horsepower as compared with 2,105,000 horsepower in the previous year, showing an increase of 2.0 per cent.

The total energy output of the Southern Ontario system for primary and secondary power rose 0.5 per cent as compared with the previous year. The output of energy classed as primary power and respresenting about 90 per cent of the total, dropped from 9,391,920,645 kilowatt-hours in the previous year to 9,213,016,177 kilowatt-hours, a decrease of 1.9 per cent.

On the rivers supplying the generating stations on the Georgian Bay and the Eastern Ontario divisions, good water conditions existed during the winter of 1945-46 but, following an early spring run-off, summer and fall water conditions were extremely low, with the result that on the whole the water supply for the year under review was the lowest encountered in several years. On the Ottawa river about average flow was maintained throughout the year. Only minor trouble from ice conditions was encountered at some of the smaller generating stations.

During the major portion of the year special power purchases were arranged with the Quebec Power Companies for such power as the companies had available in excess of their standing agreements with the Commission. Under a standing arrangement with the Department of Transport approximately 4,000 horsepower was purchased from the Department during part of the non-navigation period on the Welland Ship canal.

To ensure continuity of service on the Georgian Bay division, the arrangement of the previous year with the Defence Industries, Limited, for the use of the Nobel steam-turbo unit on an emergency standby basis was continued through the 1945-46 winter period. Upon approach of the high summer load period characteristic of this division due to summer resort load and the prospects of low water supply to the hydraulic generating stations within the Georgian Bay division, arrangements were made on May 17 to acquire the steam-turbo unit on a rental basis. Notwithstanding the reinforcement of the Georgian Bay division's resources by the Oshawa-Barrie tie line with the Eastern Ontario division early in July, the operation of the Nobel unit furnished valuable and essential assistance in the late summer and early fall months.

New lines and distributing stations were placed in service during the year to take care of increasing power demands in many areas. The most important of these was the general co-ordination and strengthening of transmission lines and facilities in the eastern portion of the system to improve service at Cornwall and to provide additional capacity for the Georgian Bay division. Also, to improve and control voltage in the western section of the Southern Ontario system, a 40,000-kva condenser and associated equipment, including two 20,000-kva transformer banks, were placed in service at the Essex transformer station early in the year. Several new distributing stations were placed in service involving an addition of nearly 20,000 kva in transformer capacity and the capacity of many distributing stations was increased. At three transformer stations, new capacity totalling 65,000 kva was also added.

SUMMATION OF PEAK LOADS IN HORSEPOWER AS SUPPLIED TO URBAN MUNICIPAL UTILITIES AND FOR RURAL HYDRO SERVICE, SHOWING TREND OF POWER DEMANDS 1945-1946

System	Total of peak loads in horsepower		Net increase in horsepower	Number of utilities with			Total
	July to Dec. 1945	July to Dec. 1946		Decreases	Increases	No change	
URBAN MUNICIPAL UTILITIES							
Southern Ontario. . .	1,378,796	1,513,238	134,442	13	293	1	307
Thunder Bay.	47,251	48,946	1,695	1	5	0	6
Northern Ontario Properties.	20,868	24,269	3,401	0	16	1	17
RURAL HYDRO SERVICE							
Southern Ontario. . . .	180,929	220,387	39,458	1	83	0	84
Thunder Bay.	1,048	1,355	307	0	1	0	1
Northern Ontario Properties.	3,337	3,756	419	1	3	0	4
Total, Rural Service.	185,314	225,498	40,184	2	87	0	89

NOTE: The yearly peak demands of the individual municipal Hydro utilities do not all occur during the same month of the year nor, for any given municipality, do they always occur in the same month in successive years; in nearly all cases however the yearly peak occurs during the second half of the calendar year. For this reason a comparison of the peaks occurring during the second half of the year as shown in the tables of this Section shows most satisfactorily the general trend of the local loads. The loads given above for Rural Hydro Service are a summation of the loads in the various operational districts and are similarly obtained.

SOUTHERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES 1945-1946

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
Acton	25	1,918.5	2,252.2		333.7
Agincourt	25	308.4	345.3		36.9
Ailsa Craig	25	179.1	213.8		34.7
Alexandria	60	485.5	467.5	18.0	
Alliston	60	581.4	728.9		147.5
Almonte	60	435.7	859.2		423.5
Alvinston	25	177.9	198.0		20.1
Amherstburg	25	1,330.6	1,631.9		301.3
Ancaster Twp.—Voted Area	25	618.6	671.4		52.8
Apple Hill	60	66.6	67.8		1.2
Arkona	25	84.2	101.9		17.7
Arnprior	60	1,546.0	1,867.6		321.6
Arthur	60	231.9	280.4		48.5
Athens	60	155.1	196.1		41.0
Aurora	25	1,674.0	1,938.6		264.6
Aylmer	25	1,249.7	1,389.7		140.0
Ayr	25	315.5	373.6		58.1
Baden	25	678.1	655.6	22.5	
Bala	60	516.1	536.2		20.1
Barrie	60	5,333.8	6,092.5		758.7
Bath	60	59.9	82.6		22.7
Beachville	25	811.7	850.9		39.2
Beamsville	25	685.8	740.6		54.8
Beaverton	60	398.0	441.0		43.0
Beeton	60	129.1	165.7		36.6
Belle River	25	255.9	341.9		86.0
Belleville	60	9,120.0	9,671.6		551.6
Blenheim	25	851.5	1,139.4		287.9
Bloomfield	60	183.9	202.6		18.7
Blyth	25	196.4	196.1	0.3	
Bolton	25	279.6	362.9		83.3
Bothwell	25	200.5	237.3		36.8
Bowmanville	60	3,579.7	3,948.5		368.8
Bradford	60	335.5	514.2		178.7
Braeside	60	331.1	274.8	56.3	
Brampton	25	3,799.6	4,172.2		372.6
Brantford	25	23,912.4	26,510.0		2,597.6
Brantford Twp.—Voted Area	25	2,059.2	2,590.9		531.7
Brechin	60	67.8	88.5		20.7
Bridgeport	25	300.6	344.9		44.3
Brigden	25	116.2	177.5		61.3
Brighton	60	651.7	802.1		150.4
Brockville	60	6,021.4	9,389.5		3,368.1
Bronte	66⅔	249.3	312.3		63.0
Brussels	25	248.5	336.7		88.2
Burford	25	321.6	392.8		71.2
Burgessville	25	61.8	125.6		63.8
Burlington	66⅔	2,281.6	2,393.0		111.4
Burlington Beach	25 & 66⅔	665.9	759.6		93.7
Caledonia	25	534.8	613.3		78.5

SOUTHERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES 1945-1946—Continued

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
Campbellville	25	59.6	81.0		21.4
Cannington	60	298.4	378.1		79.7
Cardinal	60	517.9	537.6		19.7
Carleton Place	60	2,236.8	2,422.9		186.1
Cayuga	25	201.7	283.9		82.2
Chatham	25	9,317.9	10,058.7		740.8
Chatsworth	60	158.3	181.3		23.0
Chesley	60	682.2	846.2		164.0
Chesterville	60	385.7	463.1		77.4
Chippawa	25	472.1	505.4		33.3
Clifford	25	142.6	160.2		17.6
Clinton	25	856.2	962.2		106.0
Cobden	60	165.7	210.0		44.3
Cobourg	60	2,618.4	2,954.7		336.3
Colborne	60	346.2	380.8		34.6
Coldwater	60	225.1	231.4		6.3
Collingwood	60	2,965.8	3,272.1		306.3
Comber	25	208.6	238.6		30.0
Cookstown	60	124.1	153.1		29.0
Cottam	25	134.0	137.3		3.3
Courtright	25	69.8	81.8		12.0
Creemore	60	216.5	256.6		40.1
Dashwood	25	152.4	157.8		5.4
Delaware	25	101.7	107.6		5.9
Delhi	25	988.2	1,041.8		53.6
Deseronto	60	332.4	380.5		48.1
Dorchester	25	166.9	176.3		9.4
Drayton	25	186.2	189.6		3.4
Dresden	25	648.5	666.2		17.7
Drumbo	25	133.2	155.5		22.3
Dublin	25	66.5	72.8		6.3
Dundalk	60	304.1	340.7		36.6
Dundas	25	3,579.7	3,774.7		195.0
Dunnville	25	1,889.1	2,089.0		199.9
Durham	60	511.9	601.2		89.3
Dutton	25	327.2	367.1		39.9
East York Twp.—Voted Area	25	13,261.5	15,471.6		2,210.1
Elmira	25	1,598.2	1,922.4		324.2
Elmvale	60	234.6	306.2		71.6
Elmwood	60	93.3	134.5		41.2
Elora	25	554.7	622.5		67.8
Embro	25	185.5	228.3		42.8
Erieau	25	288.7	335.4		46.7
Erie Beach	25	51.5	62.7		11.2
Erin	60	153.4	175.0		21.6
Essex	25	711.8	888.8		177.0
Etobicoke Twp.—Voted Area	25	12,333.9	15,860.9		3,527.0
Exeter	25	987.7	1,078.9		91.2
Fergus	25	1,609.2	1,928.8		319.6
Finch	60	139.7	159.3		19.6

SOUTHERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES 1945-1946—Continued

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
Flesherton	60	103.8	164.0		60.2
Fonthill	25	277.2	337.9		60.7
Forest	25	746.6	785.2		38.6
Forest Hill	25	10,161.5	10,880.7		719.2
Frankford	60	210.2	270.0		59.8
Galt	25	12,998.4	14,469.5		1,471.1
Georgetown	25	2,426.3	2,796.9		370.6
Glencoe	25	260.3	294.6		34.3
Goderich	25	1,983.9	2,178.7		194.8
Grand Valley	60	218.0	255.8		37.8
Granton	25	74.7	97.4		22.7
Gravenhurst	60	1,626.6	1,836.5		209.9
Grimsby	25	1,218.5	1,254.2		35.7
Guelph	25	13,834.1	15,626.0		1,791.9
Hagersville	25	1,326.3	1,425.2		98.9
Hamilton	25& 66⅔	173,975.5	181,227.8		7,252.3
Hanover	60	1,625.0	1,858.4		233.4
Harriston	25	563.5	675.8		112.3
Harrow	25	829.7	840.5		10.8
Hastings	60	186.5	244.9		58.4
Havelock	60	251.1	300.2		49.1
Hensall	25	303.7	346.0		42.3
Hepworth	60	50.7	44.6	6.1	
Hespeler	25	3,233.6	3,550.4		316.8
Highgate	25	139.9	147.1		7.2
Holstein	60	23.3	26.2		2.9
Humberstone	25	754.7	889.5		134.8
Huntsville	60	1,428.1	1,715.0		286.9
Ingersoll	25	3,605.8	3,890.0		284.2
Iroquois	60	368.8	413.7		44.9
Jarvis	25	225.7	239.7		14.0
Kemptville	60	466.0	588.6		122.6
Kincardine	60	932.6	1,081.6		149.0
Kingston	60	18,523.3	20,575.8		2,052.5
Kingsville	25	952.3	1,011.9		59.6
Kirkfield	60	27.0	27.0		
Kitchener	25	31,292.6	36,415.6		5,123.0
Lakefield	60	600.5	635.1		34.6
Lambeth	25	206.2	249.3		43.1
Lanark	60	136.7	158.2		21.5
Lancaster	60	66.4	87.7		21.3
LaSalle	25	386.6	445.3		58.7
Leamington	25	2,664.6	2,984.3		319.7
Lindsay	60	4,044.1	4,479.4		435.3
Listowel	25	1,685.0	1,840.5		155.5

SOUTHERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES 1945-1946—Continued

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
London	25	49,128.5	55,301.6		6,173.1
London Twp.—Voted Area	25	823.7	879.2		55.5
Long Branch	25	2,024.8	2,370.2		345.4
Lucan	25	266.5	341.1		74.6
Lucknow	60	450.7	575.6		124.9
Lynden	25	145.8	154.7		8.9
MacTier	60	140.7	189.5		48.8
Madoc	60	264.4	386.4		122.0
Markdale	60	241.4	292.8		51.4
Markham	25	483.6	532.2		48.6
Marmora	60	189.1	216.9		27.8
Martintown	60	53.7	83.8		30.1
Maxville	60	155.4	171.4		16.0
Meaford	60	949.4	1,148.6		199.2
Merlin	25	171.4	173.4		2.0
Merritton	25	11,266.6	10,592.7	673.9	
Midland	60	5,179.5	4,896.7	282.8	
Mildmay	60	209.6	244.7		35.1
Millbrook	60	152.3	161.9		9.6
Milton	25	1,669.6	1,901.6		232.0
Milverton	25	557.9	562.3		4.4
Mimico	25	3,968.5	4,520.1		551.6
Mitchell	25	904.5	976.9		72.4
Moorefield	25	121.1	124.0		2.9
Morrisburg	60	419.6	550.9		131.3
Mount Brydges	25	149.7	158.4		8.7
Mount Forest	60	794.3	913.6		119.3
Napanee	60	1,730.0	2,007.0		277.0
Neustadt	60	48.1	48.6		0.5
Newburgh	60	63.9	98.4		34.5
Newbury	25	47.8	60.6		12.8
Newcastle	60	291.8	331.2		39.4
New Hamburg	25	775.6	886.7		111.1
Newmarket	25	2,363.4	2,575.4		212.0
New Toronto	25	12,130.6	13,189.1		1,058.5
Niagara Falls	25	13,589.3	14,401.9		812.6
Niagara-on-the-Lake	25	1,182.3	1,224.0		41.7
North York Twp.—Voted Area	25	13,272.4	17,365.2		4,092.8
Norwich	25	565.7	650.9		85.2
Norwood	60	223.0	306.9		83.9
Oakville	25 & 66⅔	1,938.3	2,316.1		377.8
Oil Springs	25	215.8	244.6		28.8
Omemee	60	257.5	336.2		78.7
Orangeville	60	1,025.1	1,304.0		278.9
Orono	60	150.0	170.2		20.2
Oshawa	60	19,805.6	22,902.1		3,096.5
Ottawa	60	42,978.2	45,816.6		2,838.4
Otterville	25	149.7	170.1		20.4
Owen Sound	60	7,625.3	9,179.0		1,553.7
Paisley	60	194.2	227.9		33.7

SOUTHERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES 1945-1946—Continued

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
Palmerston	25	729.3	755.6		26.3
Paris	25	2,133.7	2,658.2		524.5
Parkhill	25	334.8	373.7		38.9
Penetanguishene	60	1,266.1	1,422.9		156.8
Perth	60	2,075.1	2,402.1		327.0
Peterborough	60	18,091.1	23,821.7		5,730.6
Petrolia	25	1,299.0	1,268.2	30.8	
Picton	60	1,734.7	2,088.5		353.8
Plattsville	25	168.2	229.9		61.7
Point Edward	25	1,725.2	1,955.8		230.6
Port Carling	60	385.1	466.2		81.1
Port Colborne	25	2,698.3	2,900.1		201.8
Port Credit	25	1,369.7	1,487.4		117.7
Port Dalhousie	25	1,267.8	1,362.9		95.1
Port Dover	25	709.8	890.1		180.3
Port Elgin	60	794.8	881.0		86.2
Port Hope	60	3,167.8	3,321.2		153.4
Port McNicoll	60	135.6	163.4		27.8
Port Perry	60	403.2	482.4		79.2
Port Rowan	25	152.5	174.2		21.7
Port Stanley	25	1,406.8	1,583.8		177.0
Prescott	60	1,744.1	1,724.5	19.6	
Preston	25	4,646.1	5,248.8		602.7
Priceville	60	10.0	18.0		8.0
Princeton	25	165.5	215.5		50.0
Queenston	25	169.0	190.9		21.9
Renfrew	60	309.1	1,386.1		1,077.0
Richmond	60	88.5	123.7		35.2
Richmond Hill	25	726.5	899.5		173.0
Ridgetown	25	815.8	921.2		105.4
Ripley	60	174.1	228.3		54.2
Riverside	25	1,922.9	2,185.3		262.4
Rockwood	25	193.3	213.9		20.6
Rodney	25	209.8	230.7		20.9
Rosseau	60	52.8	70.3		17.5
Russell	60	112.1	141.4		29.3
St. Catharines	25 & 66⅔	28,329.4	33,395.0		5,065.6
St. Clair Beach	25	145.5	144.4	1.1	
St. George	25	244.2	263.5		19.3
St. Jacobs	25	408.2	420.9		12.7
St. Marys	25	1,880.3	2,358.9		478.6
St. Thomas	25	9,454.4	10,542.9		1,088.5
Sarnia	25	8,809.2	9,519.4		710.2
Scarborough Twp.	25	7,081.9	8,345.4		1,263.5
Seaforth	25	1,268.1	1,411.8		143.7
Shelburne	60	345.2	469.1		123.9
Simcoe	25	3,327.1	3,735.1		408.0
Smiths Falls	60	3,491.8	4,176.2		684.4
Smithville	25	231.0	421.2		190.2
Southampton	60	779.9	861.5		81.6

SOUTHERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES 1945-1946—Continued

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
Springfield	25	107.5	118.6		11.1
Stamford Twp.—Voted Area	25	4,138.7	4,749.3		610.6
Stayner	60	379.8	443.3		63.5
Stirling	60	450.3	522.6		72.3
Stoney Creek	25	372.2	483.9		111.7
Stouffville	25	464.1	644.5		180.4
Stratford	25	8,703.0	9,965.2		1,262.2
Strathroy	25	1,810.7	1,971.6		160.9
Streetsville	25	284.8	314.6		29.8
Sunderland	60	117.1	146.1		29.0
Sutton	25	628.7	795.9		167.2
Swansea	25	4,193.7	4,273.4		79.7
Tara	60	183.9	211.9		28.0
Tavistock	25	788.7	860.4		71.7
Tecumseh	25	561.9	703.0		141.1
Teeswater	60	237.9	289.6		51.7
Thamesford	25	333.5	367.0		33.5
Thamesville	25	315.9	359.0		43.1
Thedford	25	160.9	196.5		35.6
Thornbury	60	115.3	241.3		126.0
Thorndale	25	117.6	153.0		35.4
Thornton	60	53.4	64.4		11.0
Thorold	25	3,858.2	4,120.6		262.4
Tilbury	25	1,483.8	1,313.7	170.1	
Tillsonburg	25	2,058.9	2,351.9		293.0
Toronto	25	442,134.0	465,521.4		23,387.4
Toronto Twp.—Voted Area	25	4,626.5	6,033.0		1,406.5
Tottenham	60	174.1	174.8		0.7
Trafalgar Twp. V.A.	25 & 66⅔	867.7	1,024.3		156.6
Trenton	60	6,104.6	6,926.3		821.7
Tweed	60	418.5	455.4		36.9
Uxbridge	60	491.7	576.3		84.6
Victoria Harbour	60	128.4	126.7	1.7	
Walkerton	60	1,246.9	1,412.7		165.8
Wallaceburg	25	5,501.3	5,954.1		452.8
Wardsville	25	68.9	89.7		20.8
Warkworth	60	120.5	118.1	2.4	
Waterdown	25	394.5	419.3		24.8
Waterford	25	600.3	663.5		63.2
Waterloo	25	6,724.5	8,567.0		1,842.5
Watford	25	459.5	525.5		66.0
Waubaushene	60	188.1	272.1		84.0
Welland	25	12,393.3	13,445.7		1,052.4
Wellesley	25	162.2	206.6		44.4
Wellington	60	442.7	524.3		81.6
West Lorne	25	322.6	581.0		258.4
Weston	25	5,782.8	7,062.3		1,279.5
Westport	60	147.0	174.0		27.0
Wheatley	25	251.3	355.4		104.1
Whitby	60	1,922.8	2,096.8		174.0

SOUTHERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES 1945-1946—Concluded

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
Wiarton	60	508.4	602.6	....	94.2
Williamsburg	60	133.4	168.6	....	35.2
Winchester	60	485.2	620.2	....	135.0
Windermere	60	121.8	134.0	....	12.2
Windsor	25	55,807.5	61,039.3	....	5,231.8
Wingham	60	910.3	1,206.8	....	296.5
Woodbridge	25	843.2	994.5	....	151.3
Woodstock	25	9,964.8	10,218.1	....	253.3
Woodville	60	116.0	126.2	....	10.2
Wyoming	25	141.4	181.7	....	40.3
York Township	25	27,703.7	31,191.7	....	3,488.0
Zurich	25	165.7	197.4	....	31.7

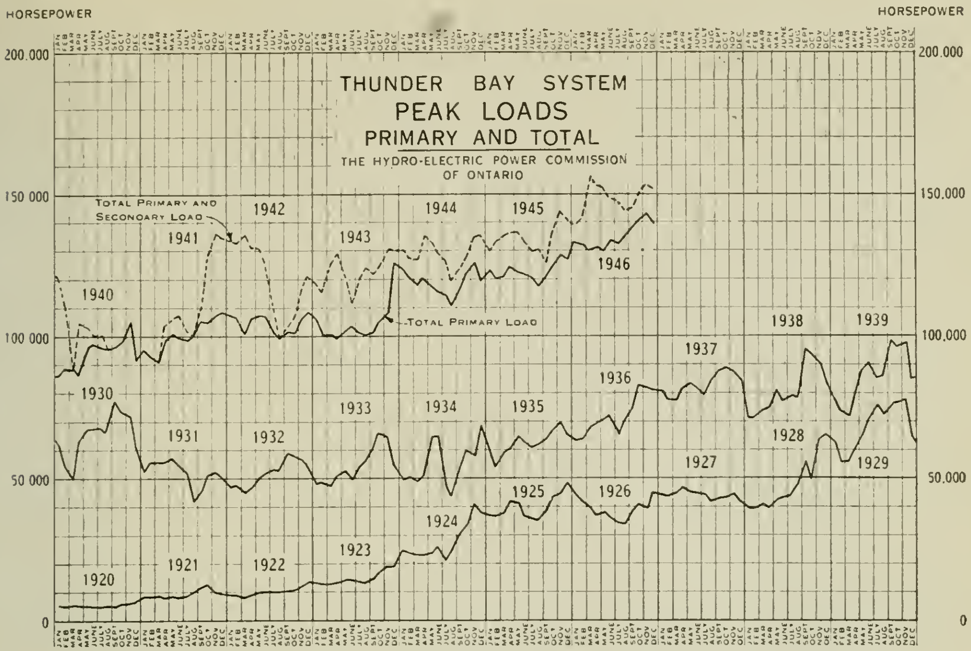
SOUTHERN ONTARIO SYSTEM—LOADS OF NEW MUNICIPALITIES

Municipality	Frequency cycles	Date connected	Load in horsepower		Change in load	
			Initial	July to Dec., 1946	Decrease	Increase
Bobcaygeon	60	July 1, 1946	90.4	90.4	....	....
Parry Sound	60	Aug. 1, 1946	517.6	1,157.8	....	640.2

THUNDER BAY SYSTEM

The Alexander and the Cameron Falls generating stations on the Nipigon river were operated in parallel with the generating station of the Kaministiquia Power Co., a subsidiary of the Abitibi Power and Paper Co., throughout the year. During the year these resources supplied a maximum of 156,568 horsepower to the Thunder Bay system, and a total of 829,547,720 kilowatt-hours of which 14,963,520 kilowatt-hours were delivered from the Kaministiquia Power Company station.

The maximum primary peak load on the Thunder Bay system, which includes power delivery to the Rainy River district of the Northern Ontario Properties, was 141,421 horsepower as compared with 126,206 horsepower in the previous year, an increase of 12.1 per cent. The year's primary energy requirements totalled 709,424,420 kilowatt-hours, exceeding that of the previous year by 11.5 per cent. Surplus energy to the amount of 120,123,300 kilowatt-hours was supplied for electric boiler operation at the paper companies in Port Arthur.

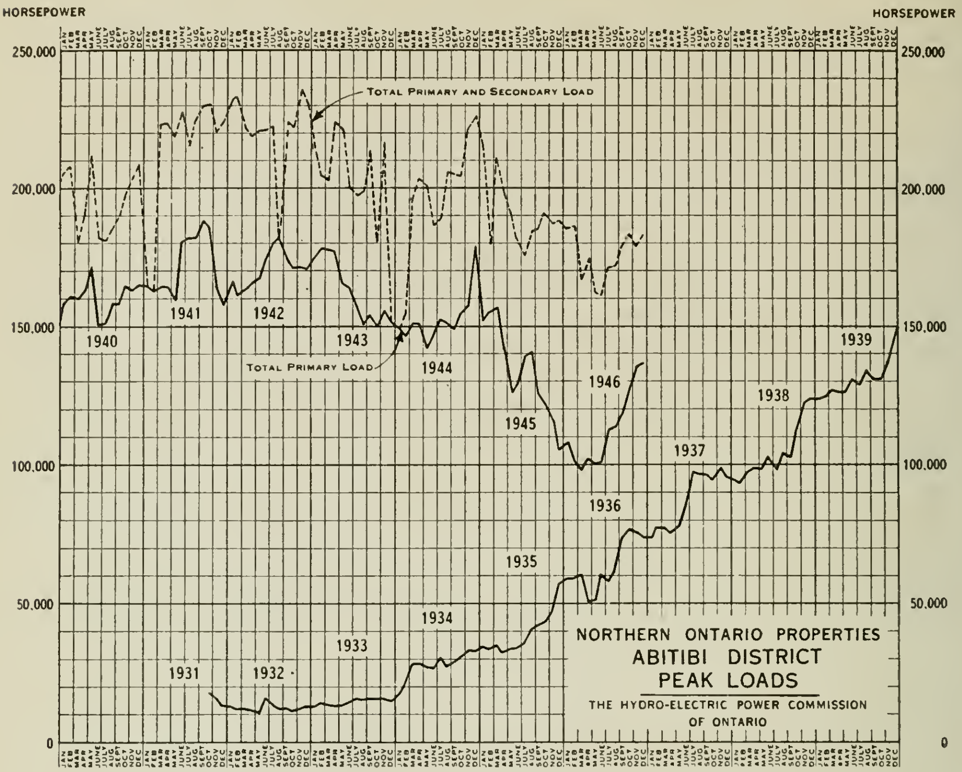


THUNDER BAY SYSTEM—LOADS OF MUNICIPALITIES—1945-1946

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
Atikokan Townsite	60	133.2	223.9	....	90.7
Beardmore Townsite	60	143.2	204.1	....	60.9
Fort William	60	19,623.3	21,085.8	....	1,462.5
Geraldton Townsite	60	676.8	859.5	....	182.7
Nipigon Twp.—Voted Area	60	330.9	398.6	....	67.7
Port Arthur	60	26,343.9	26,173.7	170.2	....

NORTHERN ONTARIO PROPERTIES

The Northern Ontario Properties, comprising the operating districts of Abitibi, Timiskaming, Sudbury, Nipissing, Manitoulin, Patricia and Rainy River, are served by the Commission on behalf of the Province of Ontario. The majority of the power distributed in these areas is used in the mining and refining of gold and nickel. During the year initial service, or a resumption of service suspended for the war, was made to sixteen properties, fourteen of these being mines. While the average of primary demands during the year in Northern Ontario was below that of the previous year, the current year's trend in primary demands was upwards, rising from a total of 212,700 horsepower in October 1945 to 226,700 horsepower in October, 1946, an increase of 6.6 per cent.



Abitibi District

The primary peak load of the Abitibi district receded sharply from the October 1945 demand to a minimum in early summer from which point all losses sustained earlier in the year were more than recovered by the end of October 1946. Comparing the primary loads of 122,700 horsepower at end of October 1945 and 128,000 horsepower at end of October 1946, there was an increase of 4.3 per cent, all of which resulted from greater activity in the mining of gold. The recession in the summer was due to the reduced demands of the International Nickel Company at their Copper Cliff properties.

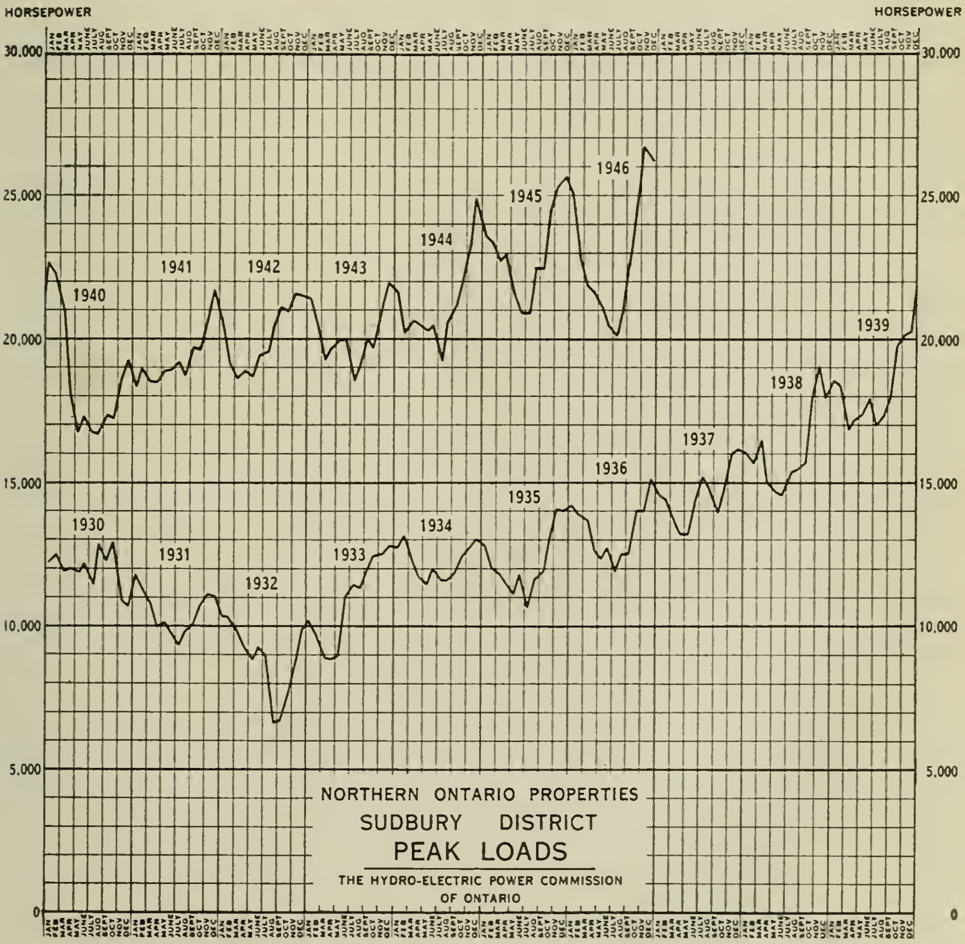
Water conditions during the 1945-46 winter period were favourable and were followed by an early spring break-up about one month ahead of usual time. However, the late summer and fall seasons were exceptionally dry and the storage reservoirs were much below normal level on entering the 1945-46 winter period.

Production at the Canyon plant during the year totalled 919,932,100 kilowatt-hours, of which 585,129,650 kilowatt-hours were for primary load purposes, 327,759,610 kilowatt-hours for electric generation of steam at the paper mills of the Abitibi Power and Paper Company, and the balance of 7,042,840 kilowatt-hours was transferred to the Timiskaming district.

Timiskaming District

The total peak load of the Timiskaming district, all of which was for primary distribution, was 52,681 horsepower. Energy consumption during the year totalled 255,465,233 kilowatt-hours, of which 248,422,393 kilowatt-hours were produced from the generating stations within the district, the balance being supplied from the Abitibi district. Since the Commission acquired the properties of the Northern Ontario Power Company, the load of which has been incorporated in the Commission's statistics from March 1945, a steady growth has taken place. The October 1946 peak load exceeded that of October 1945 by 8.0 per cent.

A large amount of work on the rehabilitation of generating stations and transmission lines was carried out in this district. Reduced output from the generating stations was made up by transfer from the Abitibi district. During a period of low water near the end of the year, transfer from the Abitibi district was increased in order to conserve water storage in the Timiskaming district for the coming winter period.



NORTHERN ONTARIO PROPERTIES
SUDBURY DISTRICT
PEAK LOADS
THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO

Sudbury District

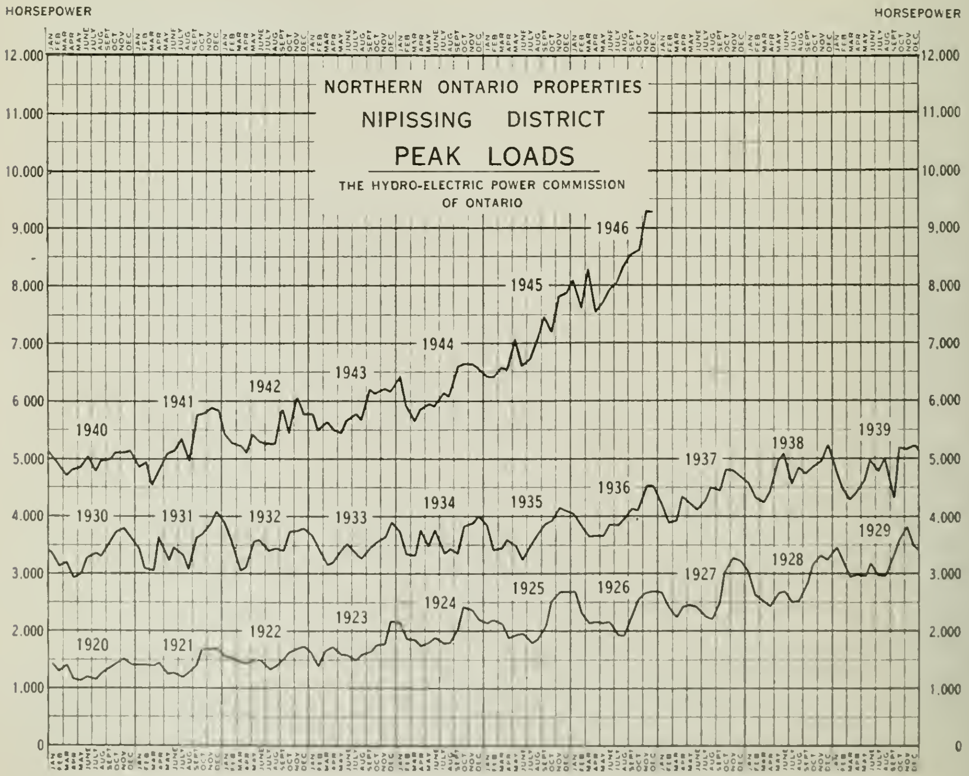
The total load of the Sudbury district rose from 24,598 horsepower in October 1945 to 25,074 horsepower in October 1946, an increase of 1.9 per cent. The total energy consumption for the year was 4.3 per cent smaller. All power in this district was for primary distribution.

Water conditions in the Sudbury district from the commencement of the year to the late summer of 1946 were favourable. The remainder of the year was extremely dry and water storages as of October 31, 1946 were much below their usual levels for this period of the year.

Except during the spring and early summer, the river flow and water storage available were insufficient to generate the load requirements of this district plus the shortages in the Nipissing district which is operated in parallel with the Sudbury district. Consequently, a considerable quantity of power and energy was purchased from the Sturgeon Falls plant of the Abitibi Power and Paper Company. During the year, 5,089,152 kilowatt-hours were purchased.

Nipissing District

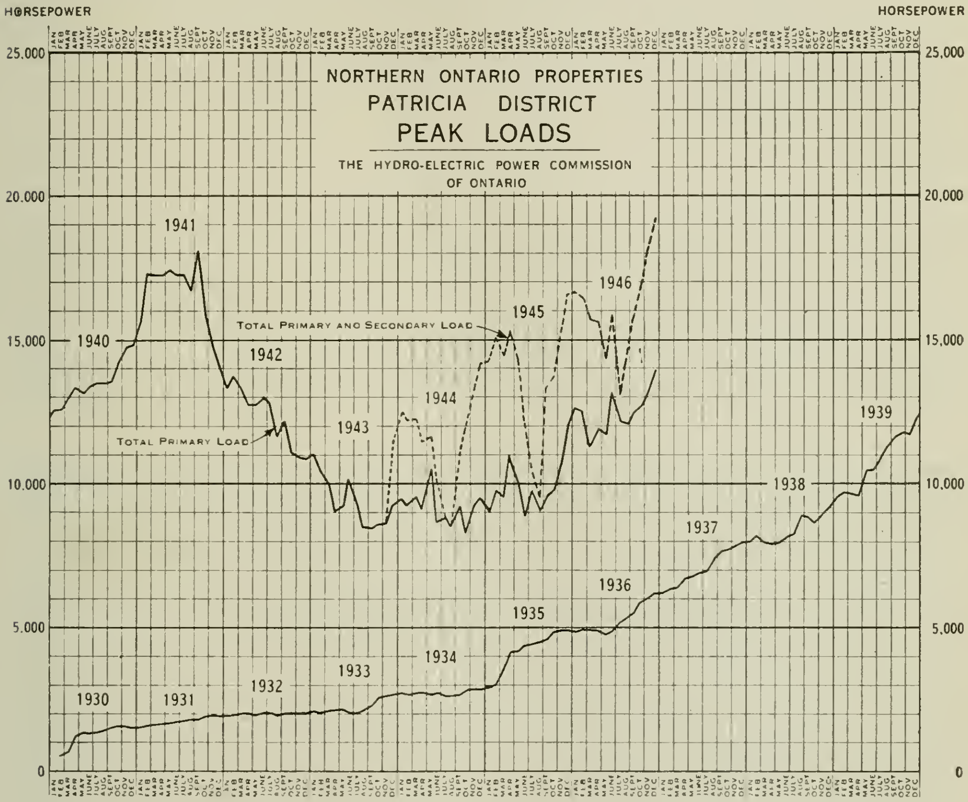
The Nipissing district peak load was 8,619 horsepower in October 1946. Compared with the peak load of the previous October, it shows an increase of 19.6 per cent. Energy consumption for the year was 17.9 per cent greater.



Water conditions in this district, although favourable early in the year, were, on the average over the whole year, below normal. Generating capacity within this district was insufficient to meet the district load requirements. During 1946 the shortage of approximately 13,525,000 kilowatt-hours was supplied from the Sudbury district resources.

Manitoulin District

The load of the Manitoulin district, which is supplied by purchase from the Manitoulin Pulp Company, rose from a peak load in October 1945 of 723 horsepower to 890 horsepower in October 1946, an increase of 23.2 per cent. The year's energy requirements increased 35.7 per cent.



Patricia District

The Patricia district's primary peak loads in October 1945 and October 1946 were 9,866 horsepower and 12,721 horsepower, respectively, showing an increase of 28.9 per cent. The majority of this increase resulted from increased taking of the gold mines in this district; service to three new mines being added during the year and service resumed to one mine, suspended for the war. Exclusive of primary power, 19 905,000 kilowatt-hours were supplied to four mining companies for the operation of electric boilers during the year.

Rainy River District

Power for the Rainy River district is purchased from the Thunder Bay system at cost. The load of this district is included in the load statistics of the Thunder Bay system primary load. During the year the average of the monthly peak loads supplied to the Rainy River district was 17,705 horsepower, being 5 per cent less than that supplied in the previous year.

NORTHERN ONTARIO PROPERTIES—LOAD OF MUNICIPALITIES—1945-1946

Municipality	Frequency cycles	Peak load in horsepower		Change in load	
		July to Dec., 1945	July to Dec., 1946	Decrease	Increase
ABITIBI DISTRICT					
Hislop Townsite	25	48.5	58.9	....	10.4
Kearns Townsite	25	112.3	149.7	....	37.4
King Kirkland Townsite	25	40.6	50.1	....	9.5
Matachewan Townsite	25	235.0	245.8	....	10.8
Matheson	25	138.8	184.4	....	45.6
Mooretown	25	49.1	69.4	....	20.3
Ramore	25	43.8	58.4	....	14.6
SUDBURY DISTRICT					
Capreol	60	365.3	671.7	....	306.4
Sudbury	60	12,683.1	13,828.7	....	1,145.6
NIPISSING DISTRICT					
Callander	60	119.6	140.6	....	21.0
Nipissing	60	3.0	3.0	....	....
North Bay	60	6,031.5	7,258.6	....	1,227.1
Powassan	60	148.9	191.4	....	42.5
PATRICIA DISTRICT					
Cottage Cove	60	71.8	155.5	....	83.7
Hudson	60	105.2	138.6	....	33.4
Red Lake Townsite	60	229.3	541.3	....	312.0
Sioux Lookout	60	442.2	523.3	....	81.1

MAINTENANCE OF THE SYSTEMS

During the war years much desirable maintenance work was necessarily deferred and only such work was undertaken as was essential to maintain the standard of service required for the expanded war loads. With the restoration of the maintenance staff to prewar strength, fair progress was made during 1946 in catching up on deferred maintenance work. Progress however was greatly handicapped by the short supply of equipment and materials, and the difficulties of releasing any part of the overburdened plant for repairs.

Turbines

At the power houses, inspection and routine maintenance was carried out on all turbines, generators and auxiliary equipment. During the year, seven turbines of 10,000 horsepower, or greater, and ten turbines under 10,000 horsepower, were completely dismantled and thoroughly overhauled. Work on one of the larger units was not entirely completed at the end of the year.

Generators

At the DeCew Falls generating station the 25-cycle generator, the armature windings of which were destroyed by fire on December 21, 1945, was completely rewound and the unit returned to service February 5, 1946. New armature windings were installed in two smaller generators, one at the Seymour generating station and the other at South Falls generating station. Major maintenance of three large generators in the plants on the Niagara river and several small generators, chiefly in the Timiskaming district in Northern Ontario, was also carried out.

Transformers

Several transformers, varying in size from 150 to 5,000 kva, were rebuilt and restored to service. To meet increasing load demands, transformers at many distributing stations were replaced by ones of larger capacity, involving about 18,000 kva of additional capacity. A number of 110,000-volt oil-breakers were modernized to improve their interrupting capacity.

Transmission Lines

Regular patrol of all transmission lines was made. About 3,300 defective wooden poles were replaced and some 16,000 poles were given butt treatment to retard rot. A start was made on the postwar program of transmission tower painting. Approximately 60 miles of 110,000-volt towers in the Southern Ontario system have been completed. Radical changes in the 110,000-volt lines supplying the Toronto metropolitan area were commenced, also an undertaking to accommodate a new 220,000–110,000-volt transformer station near Islington and plans to improve the general power supply to the

Forestry truck equipped with tree trim body and compartment for crew city of Toronto. Extensive rehabilitation of the 110,000-volt line, 92 miles in length, from Cameron Falls generating station to Long Lac transformer station in the Thunder Bay system, was undertaken and practically completed by the end of the year.

In northern Ontario, chiefly in the Timiskaming district, a large amount of transmission line maintenance work was carried out. Many miles of wood-pole lines were rebuilt and circuits were diverted at several places to improve and shorten lines.

Underbrushing of right-of-way, which was deferred during the war years, was resumed.

FORESTRY DIVISION

The field staff was restored to approximately two-thirds of its prewar strength by the return of men from military service and employment of new personnel. This enabled an increased volume of forestry operations to be undertaken.

Line Clearing

In addition to transmission and rural line clearing operations, it was possible to resume work for some of the municipalities.

SUMMARY OF LINE CLEARING OPERATIONS

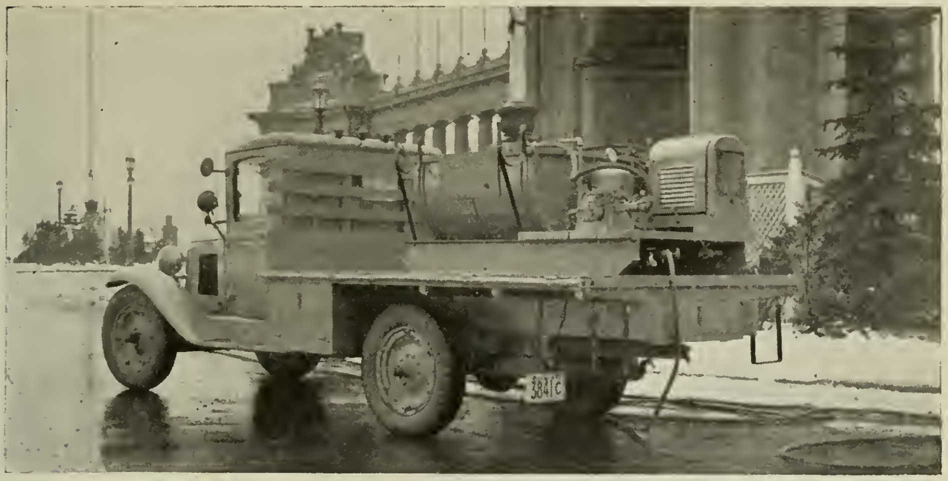
	Brush cutting, pole spans	Trees treated	Miles of line cleared	Tree density per mile
Bell Telephone Co. joint use of poles		126	1	126
New line construction	1	1,511	33	45.8
Municipal Hydro systems (4)		3,418	40	85.5
Transmission and telephone lines	598	60,989	2,854	21.4
Rural operating areas	40	18,091	374	48.4
Total	639	84,135	3,302	25.5

Forest Management

Forest surveys were made of Commission owned properties at Barrett Chute on the Madawaska river and Deschenes Rapids on the Ottawa river. Preliminary inspections were also made of other special properties.

Reforestation

No new planting projects were undertaken in 1946. The plantations at Eugenia and Sidney were inspected to determine the results of aeroplane spray to control the pine saw fly. Very few of these insects survived at Eugenia but a minor outbreak was found at Sidney. Both areas were brought under control by use of hand dusting machines and D.D.T. dusting powder.



Sprayer mounted on a platform for transportation by truck

Spraying

Trees and shrubbery on the more important properties in the Eastern Ontario and Niagara divisions were sprayed with chemical mixtures for the control of insects and fungus diseases. Experimental spraying operations involving the use of the new chemical 2-4-D were also carried out on lawn and stoned areas on several station grounds.

PRODUCTION AND SERVICE DIVISION

The operation of the garage, machine shop and carpenter shop continued on a satisfactory basis. The volume of work done in the garage was approximately equal to that of previous years and included overhauling 88 trucks, mounting 53 new truck bodies and reconditioning 44 units of gasoline driven equipment for the Construction and Operating departments. In addition, 1,404 orders were completed covering miscellaneous truck repairs.

The policy of systematically inspecting and repairing the Commission's fleet of 475 trucks was continued. During the fiscal year the fleet operated a total of 4,418,590 miles, an increase of 37.4 per cent over the previous year. The increase in truck mileage was caused by greatly increased activities in the construction of additional power developments, additional transmission lines and a heavier maintenance programme.

During the year 97 new trucks were purchased, 17 being replacements and 80 additions to the fleet.

The volume of work in the machine shop and carpenter shop continued on a very active basis, exceeding that of the previous year by approximately 86 per cent. The increase was due largely to the inability of various departments to obtain materials from outside manufacturers.

SECTION III

MUNICIPAL WORK

AT THE END of 1946 the Commission was serving 924 municipalities in Ontario. Of this number about two-thirds or 578, including 123 villages and 455 townships are served as an amalgamated rural division of Hydro service (dealt with in Section IV of this Report), and about one-third or 301 are supplied with power by the Commission under cost contracts and operate their own Hydro utilities either as a separate service or as part of a public utilities organization. In addition 45 municipalities are operated direct by the Commission or are served under other forms of contract. This section of the Annual Report deals with the Commission's work in connection with these urban municipalities which operate their own Hydro utilities.

The Commission acts in an advisory capacity to the municipalities with which it has contracts, and assists municipal officials to purchase, construct or extend distribution systems. As provided under The Power Commission Act, all rate adjustments are approved by the Commission, therefore, a study of the operating conditions of all utilities is made annually and adjustments recommended.

Municipalities Served

During the year the Commission provided power to a number of municipalities under the following conditions—

New Municipalities

A cost contract agreement was entered into and service supplied on July 1, to the village of Bobcaygeon.

A temporary supply of power was delivered to the town of Parry Sound on August 1. Service was given on a month to month basis at a fixed rate. A vote will be taken in January 1947 as to whether the electors of this municipality are in favour of obtaining a supply of power from the Commission.*

Amalgamation of voted areas

On September 1, Trafalgar Township Voted Areas numbers one and two were amalgamated and now operate as one area.

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* Vote was in favour.

TOWNSITE ADDED TO EXISTING SYSTEM

During the year the local distributing system on McKenzie island was purchased from a mining company and added to the Commission's existing Cottage Cove system.

Increased Municipal Loads

The power requirements of urban municipalities are rapidly increasing. During the first eight months of the present year, the increase in demands was almost double the usual increase. During the summer, in some municipalities, loads were curtailed due to labour disputes, but with the settlement of these difficulties, the abnormal increases were resumed.

Loads are increasing rapidly in many existing industrial plants. New industries are being established, many of which are the outcome of ideas developed during the war. Large manufacturing concerns are establishing branch industries in smaller centres, often a considerable distance from the parent plants. There is also a noteworthy trend to establish new industries in suburban areas, a tendency particularly marked in such industries as plastics, chemicals, building products, rubber, electrical appliances and agricultural machinery. It is interesting to note that many British concerns are arranging to establish branch plants in municipalities throughout the Province.

A comparison of the average load sold during 1946 in southern Ontario with that sold during 1945 indicates a substantial increase in suburban areas lying outside large urban centres, also in the smaller communities. The percentage increase is as follows: Cities 4.3 per cent; towns 9.7 per cent; voted areas (suburban outside large urban centres) 24.3 per cent; villages, police villages, etc., 18.0 per cent; total of all municipal loads 6.8 per cent.

Of the 301 Hydro utilities shown in the Commission financial statement for Southern Ontario and Thunder Bay systems, 284 show increases in average load and 17 show decreases. In most cases these decreases were the result of industrial disputes which continued for some months.

The change made in October 1945 from day-light saving time to standard time produced in most municipalities an indeterminate increase, and accounts in part for the increased demands established after October 1945.

Industrial Loads Served Directly By The Commission

In addition to providing power supplies to urban municipalities under contract, the Commission serves a number of large and important industries in various parts of the Province. In some cases the municipal facilities are not adequate for the purpose, in others the industry is of such a character that it is desirable to serve it direct as a system customer.

Numerous requests have been received for a future supply of power to serve many classes of industry. The industrial groups represented include:

The Chemical Industry.

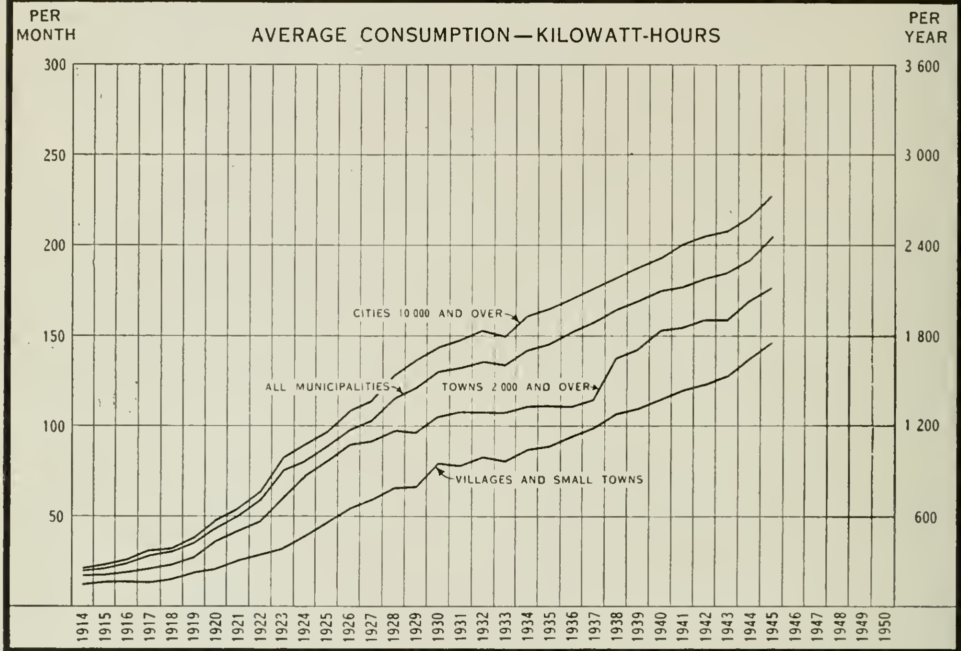
Electro-smelting and furnaces, the loads of which are increasing over and above those obtaining during the war.

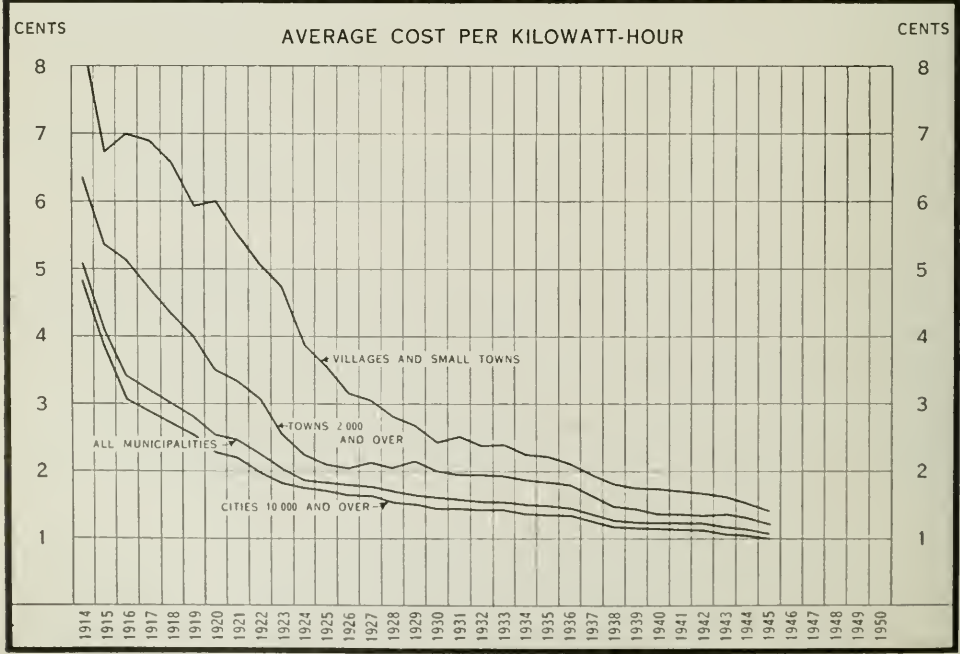
Pulp and paper industry—Very large demands are developing in Northern Ontario, including power for projected Kraft pulp mills

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

INCREASED USE BRINGS LOWER UNIT COST

DOMESTIC SERVICE

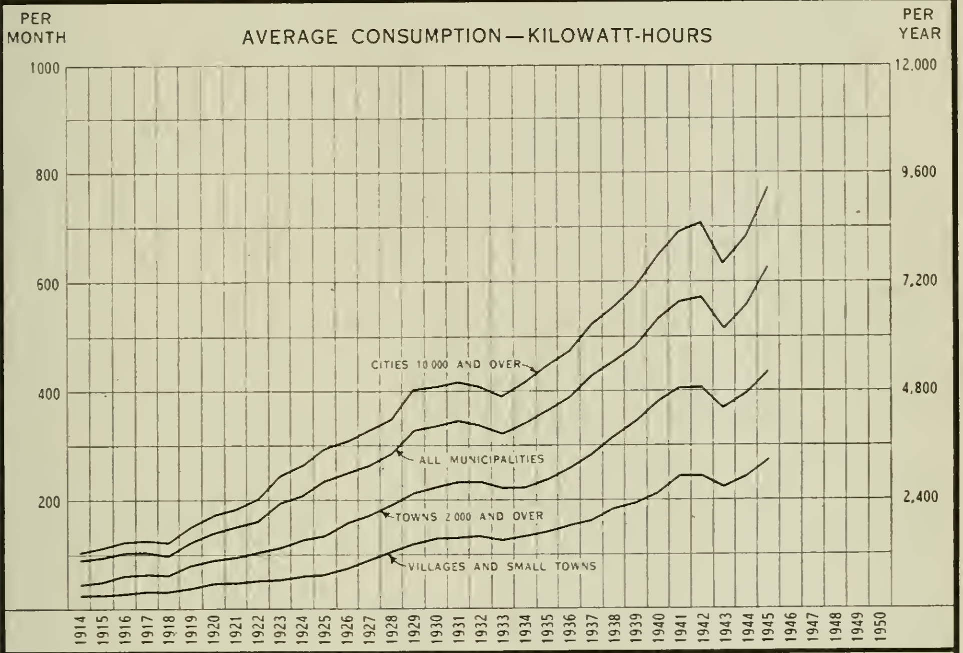

AVERAGE CONSUMPTION—KILOWATT-HOURS

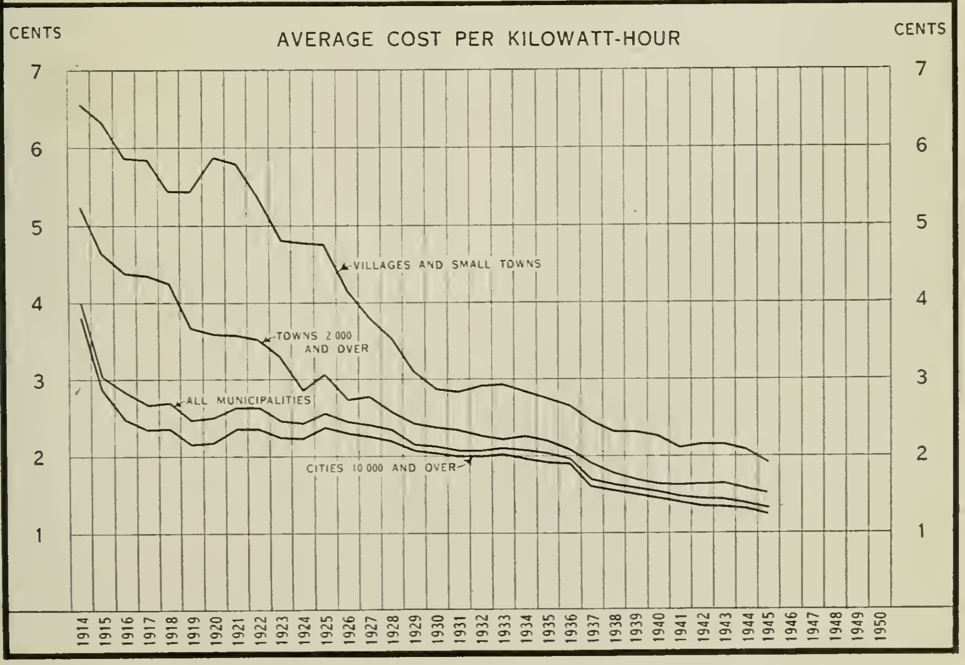

AVERAGE COST PER KILOWATT-HOUR

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

LOW UNIT COST PROMOTED BY INCREASED USE

COMMERCIAL LIGHT SERVICE





to be operated in conjunction with saw mills, so that more of the scrap can be used for pulp.

Cement—The present plants are working at full capacity and at least one new plant is proposed.

Mining—The production of base metals is increasing in a satisfactory manner, and production increases are also noted in iron and non-metallic mining. On the other hand, owing to continuing shortage of labour, there has not yet been an increase in the production of gold. There is, however, marked activity in the search for new gold mines, many of which may develop as producing mines in the next few years.

The intense war production brought both to management and labour new skills and improved manufacturing facilities so that industries are now being established in lines not heretofore attempted. This phase of the industrial growth of the Province may be of far reaching importance.

Statistical Summary of Growth by Utilities

The annual growths in revenue and kilowatt-hour consumption, also the reduction in the average cost per kilowatt-hour from 1914 to 1945 for all domestic and commercial consumers are shown in the accompanying

GROWTH IN HYDRO DOMESTIC SERVICE 1914 TO 1945
ALL URBAN MUNICIPALITIES COMBINED

Year	Number of municipalities	Annual revenue	Kilowatt-hours consumed	Number of consumers	Average cost per kw-hr	Average monthly bill	Average monthly consumption
		$			cents	$ c.	kw-hrs
1913.				49,200			
1914.	49	730,168	14,359,100	64,866	5.08	1.06	21
1915.	....	854,748	20,935,000	85,865	4.08	0.92	22
1916.	....	992,628	29,359,900	108,364	3.42	0.82	24
1917.	123	1,340,855	41,930,200	131,313	3.20	0.91	29
1918.	....	1,583,677	52,731,700	146,885	3.00	0.92	31
1919.	....	1,933,577	68,409,100	169,455	2.82	1.01	35
1920.	166	2,514,658	98,211,000	193,892	2.56	1.15	45
1921.	....	3,086,051	124,619,800	219,465	2.48	1.24	50
1922.	....	3,761,172	166,182,000	245,577	2.26	1.34	59
1923.	206	4,955,420	242,926,600	286,852	2.04	1.54	76
1924.	....	5,548,835	292,608,400	303,787	1.89	1.56	80
1925.	....	6,414,134	342,356,700	326,307	1.85	1.67	90
1926.	242	7,353,394	404,722,959	349,882	1.81	1.79	98
1927.	267	8,497,190	469,851,690	387,573	1.80	1.87	103
1928.	268	9,411,812	551,010,035	408,071	1.71	1.97	115
1929.	273	10,256,860	612,141,722	424,419	1.67	2.05	122
1930.	273	10,752,720	671,028,310	433,260	1.61	2.09	130
1931.	289	11,226,091	704,784,457	447,466	1.59	2.12	133
1932.	298	11,676,222	740,900,418	452,615	1.57	2.15	136
1933.	300	11,639,178	742,195,402	460,878	1.57	2.10	134
1934.	300	12,078,069	797,532,709	463,913	1.51	2.17	143
1935.	302	12,393,536	826,972,873	471,265	1.50	2.19	146
1936.	302	12,922,466	881,972,324	482,557	1.47	2.23	152
1937.	305	12,680,921	926,350,703	490,140	1.37	2.16	157
1938.	312	12,880,180	1,003,489,453	507,132	1.28	2.12	165
1939.	317	13,300,898	1,056,310,109	518,123	1.26	2.14	170
1940.	317	13,905,290	1,115,888,837	531,514	1.25	2.18	175
1941.	320	14,452,796	1,169,273,964	546,613	1.24	2.20	178
1942.	323	15,022,931	1,224,195,712	559,605	1.23	2.24	182
1943.	323	15,069,547	1,266,930,625	570,470	1.19	2.20	185
1944.	323	15,528,445	1,348,099,019	579,890	1.15	2.23	194
1945.	340	16,053,818	1,494,258,124	608,905	1.07	2.20	205

tables and graphs. The figures include all the municipal utilities listed in Statement "D" of Section X of this Report and also those municipal utilities owned and operated by The Hydro-Electric Power Commission of Ontario.

The tables give complete information for "all municipal utilities combined" for both domestic and commercial services; the graphs show only increased use and decreased cost for domestic and commercial services but give these data for cities, towns and villages as well as for "all municipalities combined."

It should be noted that the reduction in average cost per kilowatt-hour shown in accompanying tables is only in part due to reductions in rates or prices to consumers. Credit for the reduction in average cost belongs chiefly to the promotional form of modern rate schedules which are designed to give consumers the benefit of the low overall costs of providing additional energy by means of distribution facilities already established.

It should also be noted the tables indicate the amount charged to consumers on their regular accounts and that these figures do not include the

GROWTH IN HYDRO COMMERCIAL LIGHT SERVICE
1914 TO 1945—ALL URBAN MUNICIPALITIES COMBINED

Year	Number of municipalities	Annual revenue	Kilowatt-hours consumed	Number of consumers	Average cost per kw-hr	Average monthly bill	Average monthly consumption
		$			cents	$ c.	kw-hrs
1913.				13,113			
1914.	43	624,781	15,669,700	15,657	4.00	3.63	91
1915.	....	649,585	21,444,900	19,324	3.03	2.95	97
1916.	....	753,784	26,866,000	22,216	2.82	2.87	102
1917.	123	860,475	31,983,500	27,453	2.69	2.77	103
1918.	....	947,769	35,053,500	29,570	2.70	2.70	99
1919.	.....	1,158,406	47,087,000	33,307	2.46	3.03	123
1920.	166	1,477,963	59.336,900	36,496	2.50	3.51	140
1921.	....	1,818,211	68,863,500	39,333	2.64	3.98	151
1922.	....	2,143,981	81,216,000	43,098	2.64	4.26	162
1923.	206	2,613,257	105,482,600	46,383	2.46	4.80	196
1924.	....	2,907,427	120,474,800	50,137	2.41	4.99	207
1925.	....	3,836,946	151,555,200	56,018	2.54	5.98	235
1926.	242	4,176,595	171,797,014	58,444	2.43	6.08	250
1927.	267	4,823,781	200,606,137	64,039	2.40	6.39	267
1928.	268	5,436,795	234,526,831	68,013	2.32	6.66	287
1929.	273	5,893,217	272,343,330	70,106	2.16	7.11	329
1930.	273	6,094,871	287,838,022	71,873	2.11	7.15	338
1931.	289	6,377,520	305,121,640	75,286	2.09	7.20	344
1932.	298	6,402,882	306,596,543	75,705	2.09	7.05	338
1933.	300	6,149,792	292,335,489	75,443	2.10	6.79	323
1934.	300	6,344,921	306,632,722	75,016	2.07	7.05	341
1935.	302	6,601,461	327,413,421	74,884	2.02	7.35	364
1936.	302	7,001,893	355,235,553	75,878	1.97	7.69	390
1937.	305	6,676,968	393,067,119	76,620	1.70	7.26	428
1938.	312	6,909,454	427,020,841	78,021	1.62	7.38	456
1939.	317	7,256,262	459,635,100	78,949	1.58	7.66	485
1940.	317	7,785,024	508,986,422	79,512	1.53	8.16	533
1941.	320	7,991,091	540,995,581	79,824	1.48	8.34	565
1942.	323	7,695,928	531,680,336	77,326	1.45	8.29	573
1943.	323	6,787,241	472,129,977	76,194	1.44	7.42	516
1944.	323	7,298,848	524,905,356	78,256	1.39	7.77	559
1945.	340	8,429,573	634,878,480	84,413	1.33	8.32	627

further benefit that a large number of consumers obtain in the form of cash refunds from time to time.

Under such promotional rate schedules, providing the initial rates are not too high, there is established a beneficial cycle of increased use, leading to lower average costs, which if passed on to consumers in the form of lower rates or prices starts a repetition of the cycle. Under the Hydro practice of giving service at cost the promotional feature is inherent in the rate schedules, and the annual review of operations made by the Commission leads to appropriate rate reductions from time to time, although reduced average cost is chiefly a function and evidence of increased average use.

Financial Progress of Municipal Electrical Utilities

The consolidated balance sheet, published on page 207 of this Report, shows a total plant value in Hydro utilities of $110,207,969, against which is a debenture balance debt of $9,049,584. However, some municipalities are accumulating a sinking fund to pay for debentures at maturity and up to 1946 this fund amounted to $4,609,214. If this sinking fund is deducted from the debenture balance debt the actual unpaid debenture debt would be $4,440,370. or about 4 per cent of the original value of the distribution systems.

Automatic reduction in the debenture debt, due to the annual principal or sinking fund payment being provided for out of revenue, and the remarkable accumulation of assets reflect a satisfactory financial condition of the Hydro utilities generally. Statement "A" of this Report shows the relation of assets to liabilities in 304 municipalities. In 93 per cent of these municipalities the quick assets such as cash, bonds, accounts receivable and inventories exceed in value the total liabilities, including the debenture balance and their Hydro utilities may fairly be considered as being out of debt.

Engineering Assistance To Municipalities

In its advisory capacity the Commission gave general engineering assistance to municipalities especially in preparing estimates for expenditures to be made in the post-war period. The assistance given relates to deferred maintenance and rehabilitation of the local systems, to the design of more modern street lighting facilities, the preparation of estimates for increased substation facilities, the taking on of new industries and the general utilization of Hydro service. Where additions to capacity of distribution stations and systems are planned or have been made they are of course usually necessary because of increasing loads. The more important matters concerning which advice was given are briefly tabulated below.

SOUTHERN ONTARIO SYSTEM

Niagara Division

Agincourt—A plan outlining additions and improvements to increase the capacity of the system was made.

Amherstburg—Plans were made to install a second 4,000-volt feeder from Amherstburg distributing station.

Blenheim—A 150-kva transformer bank was installed to supply a hybrid corn processing plant. The 4,000-volt primary distribution feeders were rebuilt.

Caledonia—Plans were made to rehabilitate and strengthen the local distribution system.

Chatham—Work continued on the new Grand Avenue municipal station. The building was completed, the 26,000-volt submarine cable laid, and the 3,000-kva transformer and 4,000-volt breakers were installed.

Plans were completed to erect a new 3,000-kva municipal station on Richmond street west to supply several new industries. A duct line nearly one mile long was laid to place underground existing overhead 4,000-volt feeders, supplying the industrial load in the western part of the city.

Modern street lighting units were erected on highway thoroughfares in the city.

Chippawa—Plans were made and submitted to the local Commission for the installation of a modern street lighting system.

Delaware—Estimates were made and plans prepared to change the distribution system from 4,000 to 8,000 volts.

Dorchester—Estimates were made and rates approved for improved street lighting on Hamilton Road.

Dresden—The distribution transformer capacity was increased.

Dundas—During the year a large textile mill located in the municipality. This made it necessary to supply power at 13,200 volts.

Dunnville—Studies were made concerning the advisability of increasing the substation facilities.

Dutton—A bank of three 50-kva transformers was installed to provide service to a new power consumer.

East York Township—This system experienced exceptionally large growth in the number of domestic consumers, which made it necessary to plan for the installation of a new 1,875-kva substation, as well as additions and improvements to the distribution system.

Elmira—The 1,500-kva distributing substation formerly owned by The Hydro-Electric Power Commission, was purchased by the local Commission.

Erieau—Plans were completed to relocate a large portion of the primary distribution system and to increase the capacity of the secondary feeders and transformers.

Erie Beach—Street lighting was installed and sections of the distribution system were rebuilt.

Fergus—The 1,500-kva distributing substation formerly owned by The Hydro-Electric Power Commission was purchased by the local Commission.

Galt—The construction of a garage and storehouse is well under way. It is adjacent to and connected with the office building and faces on Wellington street. The estimated cost, including lighting and heating equipment, is $35,000.

Approximately three miles of streets were equipped with modern luminaires, spaced at 200 feet and equipped with 300-watt multiple lamps. The units are mounted on 10 feet and 12 foot mast arms and overhang the pavement in order to provide the proper distribution of light.

Georgetown—A second substation of 1,200-kva capacity was ordered by Georgetown Hydro-Electric Commission. It will go into service early in 1947.

Guelph—Substation facilities were increased by the addition of one 1,500-kva station and one 750-kva station.

Kitchener—Rapid industrial expansion chiefly in the rubber industries made it necessary to extend the high-tension distribution facilities. Also, a rapid increase in the use of domestic and commercial service made it necessary to construct a new 3,000-kva station.

To supply direct current to trolley buses operated by the municipality a new substation of the ignitron type, converting alternating to direct current was planned.

Leamington—The 4,000-volt underground system was extended and the capacity increased.

London—A new 13,200-volt line was constructed from the London high-tension station to the local substation on Ridout street. Part of this line was built overhead and the remainder was put underground.

Lucan—Plans were prepared to extend the distribution system to supply power to the new waterworks west of the village.

Mimico—Studies were made for additional feeder and substation capacity.

Moorefield—The local distribution system was rebuilt by the Commission's rural staff stationed in Listowel.

Mount Brydges—Extensive changes are proposed for the rebuilding and improving of the distribution system with an increase from 4,000 to 8,000 volts.

New Hamburg—A new substation was constructed and the local circuits were rearranged.

Newmarket—Distribution transformer capacity was increased to supply new power consumers and facilities were provided to supply power to a large industrial plant now being constructed.

Niagara Falls—Plans covering various improvements in the supply and distribution of power have been discussed, including the installation of telemetering and improvement in street lighting. A 1,500-kva water-cooled transformer is being rebuilt for outdoor use and will be moved from the Victoria street to the Hickson street station.

North York Township—One 1,875-kva unit substation was moved from a factory where the return to peace-time operation resulted in a reduction of load, to a place where additional substation capacity was required to serve new homes. It was decided to increase the capacity of one substation and construct two additional substations. The work will be started in 1947.

Petrolia—The new office building, commenced last year was completed.

Port Dalhousie—Has been served at 4,000 volts from a station in St. Catharines, but it is planned to construct a substation within the municipality to take power at 13,200-volts.

Port Dover—Is one of the leading fishing ports on the Great Lakes, and the freezing of fish has grown in importance. To supply adequate power for this purpose increased substation and distribution facilities are being provided. Street lighting on the main streets is being improved.

Port Rowan—An increased load makes it necessary to strengthen the distribution system

Preston—Modern street lighting equipment consisting of 29 luminarires on mast arms, equipped with 300-watt multiple lamps, was installed.

Rodney—Additional transformer capacity was installed.

St. Marys—A 600-kva, 2,200/550-volt substation was constructed at Jones and Water streets. This provides a supply of electricity at power voltage for a number of the power users. A large expenditure was made for distribution transformers.

St. Thomas—A new 13,200-volt, 3-conductor feeder cable was run from the main substation to Metclafe street, a distance of 4,200 feet, to provide service to a new 2,000-kva transformer for lighting purposes, and also to three 150-kva transformers for power services.

Sarnia—The work of installing the necessary ducts and vaults to place underground the primary lines in the business section was completed.

Plans were completed for a third municipal station of 2,000-kva capacity in the east section of the city, where a large block of new houses is being erected.

Scarborough Township—Increased capacity was provided by the installation of forced-air cooling at one substation and plans were completed to add another substation of 1,875-kva capacity early in 1947.

Simcoe—The street lighting system is being remodelled. In the business section, ornamental standards with 500-watt lamps in modern luminaires are being erected on both sides of the street. Similar standards using 300-watt lamps are planned for the secondary thoroughfares. The supply system is multiple, with plastic-insulated cables in fibre conduit.

Stouffville—The distribution system is being strengthened and transformers added.

Streetsville—Service was given to a new filtration plant by means of new lines.

Swansea—It is planned to construct a 1,875-kva substation to serve part of this municipality at 26,400 volts. Hitherto Swansea has received its power supply through the facilities of the Toronto Hydro-Electric System.

Thedford—Modern street lighting units were installed on the business section. Distribution system transformer capacities were increased.

Thorndale—Arrangements have been made to provide an additional 40 horsepower for a new power consumer.

Toronto Township—Additional substations are planned to handle many new loads.

Trafalgar Township Voted Area—For some years past two voted areas have existed in Trafalgar township. It was decided to amalgamate the two areas into one in order to effect more economical operation. The amalgamation was made effective September 1, 1946.

Wallaceburg—Plans for the construction of a new 3,000-kva municipal station on the west side of the town were completed.

Waterloo—A second substation with a 2,000-kva, three-phase transformer was constructed, all work being done by the local Commission's staff. Remote-control switching, remote metering and temperature indication from No. 1 substation are features of the installation.

Watford—Plans were completed for a new consumer-owned 300-kva distributing station to supply an industrial welding load.

West Lorne—Distribution circuits are being removed from the main street in preparation for the installation of an ornamental street lighting system.

Wheatley—A new ornamental street lighting system in the business section of the town was installed.

Woodbridge—Arrangements were made to supply additional power at 26,400-volts to an industrial consumer who has enlarged his manufacturing plant.

Woodstock—The Public Utilities Commission has standardized on the installation of outdoor metering for its domestic and small commercial consumers. As these meters are installed a control wire is added for water heaters. Some five miles of 8,000/4,600-volt transmission line is being constructed to provide 90 horsepower at the Waterworks springs south of the city.

York Township—Studies were made as to the necessity of adding three additional 3,750-kva substations.

Georgian Bay Division

Alliston—The primary distribution system was improved and plans were made for the installation of additional distribution transformers and heavier secondaries in 1947. New street lighting is being planned for the business section.

A new rural substation will be placed in service in 1947 to supply the entire rural load now fed from the Alliston substation. This will relieve the overload on this station and provide capacity for further growth.

Arthur—The rebuilding of the feeder line supplying the town was completed. In addition to increased size of conductor, provision was made to raise the feeder voltage from 4,000 to 12,000 volts. This change will be completed when new transformer stations, one at Grand Valley stepping down from 44,000 to 12,000 volts and one at Arthur stepping down from 12,000 to 4,000 volts, are ready. These stations are planned for construction in 1947.

Plans were drawn up covering extensive improvements including better street lighting.

Barrie—The 3,000-kva substation in the Allandale section of the town was placed in service early in the year, but the installation of the low-tension switching and metering equipment has not been completed. Substantial changes were carried out on the distribution system to permit the transfer of load to the new station. A building to house new water heater control equipment will be erected on the property.

Beaverton—Improved street lighting is planned for the business section for 1947. A small woodworking plant was supplied with power this summer. Applications were also received for a power service to a new planing mill.

Bradford—The primary circuit was rebuilt from the substation south to the Holland marsh to supply two new power consumers, a large cold storage plant, and a vegetable processing plant.

Plans are being made for new street lights on the main streets.

Cannington—Plans are progressing for new street lights for the business section of the town, and it is expected they will be installed in 1947.

Chesley—A new industry manufacturing rubber products was supplied with power by a short extension to the distribution system.

Coldwater—A new service and power bank for the dairy was installed.

Collingwood—Plans were made for changes on the distribution system to improve the arrangement of the municipal circuits and the Commission's communication lines. Plans were made to extend the distribution system involving municipal attachments on the transmission poles.

Cookstown—Revamping of the distribution system is proceeding as material becomes available.

Dundalk—The transmission voltage to this municipality was raised from 22,000 to 44,000-volts and the capacity of the transformers in the substation was increased from 225 to 600 kva.

Durham—The transmission voltage to this municipality was changed from 22,000 to 44,000-volts, and the capacity of the transformers in the substation was raised from 450 to 600 kva.

Elmvale—A new substation was erected in the south end of the village. The high-tension circuit was removed from the main street and it is planned to remove the poles and install ornamental street lights.

Grand Valley—The transmission line voltage to this municipality was increased from 22,000 to 44,000 volts.

Gravenhurst—New buildings are being erected by one of the larger power consumers and its load is being gradually increased to an ultimate 600 horsepower. New primary conductor and transformer capacity will be provided for this and other additional loads.

Kincardine—Arrangements were made during the year to supply approximately 75 horsepower to a new woodworking industry. Plans were made for a number of changes and improvements to the distribution system.

MacTier—Substantial rehabilitation was carried out on the distribution system and new street lights will be installed when equipment becomes available.

Midland—Preliminary work was undertaken in regard to a contemplated distribution system change from 2,200 to 4,000 volts. A new overhead and underground feeder was extended to a coal company to serve a new substation erected by the Company on its property.

Mount Forest—Work in connection with changing the transmission voltage from 22,000 to 44,000 volts was completed, involving a corresponding change in the connection of the station transformers.

Neustadt—Remodelling the distribution system was carried out in accordance with plans submitted.

Orangeville—The transmission voltage to this municipality was changed from 22,000 to 44,000 volts, with a corresponding change in voltage and an increase in the capacity of the transformers in the substation from 750 to 2,000 kva.

Owen Sound—Work was completed on the installation of 3,000-kva additional capacity at the substation which will be of a temporary nature until a new substation, to be constructed in the vicinity of Twelfth street and Second avenue west, is completed.

A portion of the distribution system has been converted from 2 300 to 4,000 volts and is being served from the 3,000-kva addition at the main substation, Numerous improvements have been carried out on the local distribution system and plans which will involve further work of this nature over a period of several years have been prepared.

Paisley—Plans were prepared for extensive changes and improvements to the local distribution system. Work will be started in 1947.

Penetang—Substation capacity was increased and alterations were made to the distribution system.

Port Elgin—Improved street lighting, utilizing modern fixtures and equipment, were installed in the business section.

Port McNicoll—A preliminary study of the distribution system was made with a view to conversion from 2,200 to 4,000 volts. It is expected the work will be completed during 1947.

Shelburne—The transmission voltage to this municipality was changed from 22,000 to 44,000 volts, with a corresponding change in voltage and an increase in the capacity of the transformers in the substation from 300 to 600 kva.

Removal of poles from the business section of the main street, the installation of a modern street lighting system, and the complete remodelling of the distribution plant is being planned. A start will be made on the actual construction during 1947.

Sunderland—The distribution system is being changed from 4,000 to 8,000/4,600 volts to take advantage of the nearby Pinedale substation as a source of supply.

Thornbury—Changes were made in the municipal generating plant to permit parallel operation with the Georgian Bay division plants.

Tottenham—The removal of the pole line from the main street is progressing. Five new street lights have been installed and the remaining twelve in the business section will be in service early in 1947.

Uxbridge—An additional feeder is planned to supply the north section of the town. This feeder will be used as a loop feed in case of emergency. New street lights for the business section are being planned for 1947.

Victoria Harbour—The high-tension feeder to the municipality was converted from single to three phase with similar changes in the substation and on the distribution system to provide for a new 60-horsepower load at the chemical plant.

Waubaushene—A new transformer bank was erected to provide for a 75-horsepower load to an ice company.

Wiarton—A survey was made of the distribution system and plans were drawn up covering extensive improvements required, particularly in the business area.

Windermere—Changes were made to take care of substantial increase in load at a large summer hotel.

Wingham—A meter department was organized to handle repairs and adjustments and to provide facilities for re-inspeciton of meters for the town and district.

Eastern Ontario Division

Alexandria—A new rural station is being erected to relieve the overloaded condition of the municipal station.

Bobcaygeon—A contract for 100 horsepower was signed by the municipality, and the Commission constructed a new single-phase 6,900-volt line to deliver approximately 100 horsepower to the municipality to supplement the power from the local generating plant. Power was delivered on July 1, 1946.

Bowmanville—A new substation will be installed in Bowmanville as soon as material can be obtained to take care of increased load.

Brockville—The Phillips Electric Company which has received its supply of power in past years direct from the Commission has been transferred to the municipal system.

Cobourg—Estimates are being prepared for increasing the capacity of the present substation to take care of new load and normal growth. This will also be the first step in changing the local distribution system from 2,300-volts delta to 4,000-volts star.

Martintown—The substation at Martintown serving the municipalities of Lancaster and Martintown and the adjoining rural area was enlarged. The voltage of the distribution system was changed to 8,000 volts.

Norwood—The Commission's rural staff, which operates the distribution system in this municipality, rebuilt and improved a large portion of the distribution system.

Ottawa—Investigations and studies were conducted to determine the value of the properties of the Ottawa Light, Heat and Power Company.

Peterborough—Approval was given for the construction of an extension to the Peterborough Public Utilities building. This extension will provide increased office space and storage and meter testing facilities.

Port Hope—Consideration is being given to locating a new substation of adequate capacity in the industrial area at the south end of the town

Smiths Falls—It was necessary to add a 750-kva transformer temporarily at the substation pending the installation of a second substation.

Trenton—To provide for new industrial loads plans and estimates for doubling the feeder capacity serving the town of Trenton out of Sidney terminal station have been prepared.

THUNDER BAY SYSTEM

The Thunder Bay co-operative system serves the territorial district of Thunder Bay north of lake Superior. Two power developments on the Nipigon river supply 60-cycle power.

The co-operative municipalities include the cities of Port Arthur and Fort William, a voted area in Nipigon township, and the various townships of the Thunder Bay rural operating area. Power is also supplied to the mining townsites of Geraldton and Beardmore, to seven gold mines, in the Beardmore and Longlac mining districts, to four large paper mills and to the Rainy River district of the Northern Ontario Properties.

The total average load utilized during the year 1946 by the municipal systems and rural operating area amounted to 41,376 horsepower; by paper companies 63,289 horsepower; for mining operations and mining townsites 9,408 horsepower; and by the Rainy River district, Northern Ontario Properties, as measured at Port Arthur 17,358 horsepower. A small amount of power was also taken by the Kaministiquia Power Company. The load increases or decreases for these groups in 1946 over 1945 were approximately as follows:—

Group	Change in average load Increase	 Decrease
	horsepower	horsepower
Municipal systems	....	881
Rural service	185	....
Mining operations	2,742	....
Pulp and paper operations	10,330	....
Rainy River district, Northern Ontario Properties	....	954

The total average load sold in 1946 was 131,460 horsepower, an increase of 11,451 horsepower.

The falling off in municipal load was due to reductions in load by war industries at Port Arthur, but present indications are that greatly increased loads may be expected from new industries which have already applied for service. Load increases occurred in rural areas, but shortage of materials limited the construction of new lines.

Large post-war load increases have already occurred in both the mining and the pulp and paper industries. Further load increases to the extent of possibly 60,000 horsepower are expected during the next five years due to further expansion for mining and pulp and paper operations.

The falling off in load in the Rainy River district was only temporary, and planned expansion in the operations of both the Steep Rock Iron Mines and the Ontario-Minnesota Pulp and Paper Company will require greater supplies of power in the near future.

New generating plants are now under construction or being planned Details of these are given in Section VI and VII of this Report. They include a plant of 53,500 horsepower on the Aguasabon river, power from which will be made available during the winter of 1948-49.

Engineering assistance and advice was given during the year to the local Commissions of Port Arthur, Fort William and Nipigon township covering the operation and maintenance of their local distribution systems, and advice was given to the various pulp and paper, and mining companies in connection with the expansion of their plants with greatly increased loads during the next five-year period.

NORTHERN ONTARIO PROPERTIES

The publicly-owned Hydro generating stations and transmission networks serving chiefly the mining areas of Northern Ontario and their associated communities are known as the Northern Ontario Properties. They are held in trust by the Commission for the Province and operated upon the financial responsibility of the Ontario government.

The policy of the Commission on behalf of the Government is to encourage and assist mining development and pulp and paper mill operation in northern Ontario, by supplying power at a low stabilized cost, as power cost constitutes an important item in the expense of operating these industries.

The Northern Ontario Properties serve seven districts as follows:

The **Abitibi district** serves the Porcupine, Kirkland Lake, Matachewan and Larder Lake gold mining areas, and the International Nickel and Falconbridge Nickel Companies at Sudbury. The total average load sold by the Abitibi district in 1946 was 111,334 horsepower, a decrease of 18 per cent, due to war load being dropped by the International Nickel Company. Increases in both nickel and gold mining loads now taking place will it is believed quickly put to use the relinquished power. Power supplies at 25 cycles come from a hydro-electric development at Abitibi Canyon.

The **Timiskaming district** serves the Larder Lake, Kirkland Lake and Porcupine mining sections. Service is supplied at both 25 cycles and 60 cycles from eight generating plants. The total average load sold in this district in 1946 was 46,957 horsepower, an increase of 6 per cent. The Timiskaming and Abitibi districts are interconnected through a frequency-changer set at Kirkland Lake.

The **Sudbury district** serves with 60-cycle power the territory adjacent to the city of Sudbury and the International Nickel and Falconbridge Nickel Companies. The total average load sold in 1946 was 24,123 horsepower an increase of 1.8 per cent.

The **Nipissing district** serves with 60-cycle power the area adjacent to the city of North Bay, the town of Powassan, and the village of Callander. The total load sold in this district in 1946 was 7,163 horsepower an increase of 18 per cent. The Sudbury and Nipissing district generating plants are all interconnected by transmission networks and the available power supplies were fully utilized in 1946.

Transmission tie-lines

Arrangements have been completed for constructing a tie transmission line between the 60-cycle generating plants of the Timiskaming district and the Crystal Falls generating plant in the Sudbury district. It is expected that this new tie line will be completed by the summer of 1947 and when placed in operation all of the generating plants in the Abitibi, Timiskaming, Nipissing and Sudbury districts will be tied together through transmission tie lines and the frequency-changer set at Kirkland Lake.

The **Patricia district** serves with 60-cycle power the Red Lake and Pickle Lake mining areas, and all territory as far east as Sioux Lookout, and as far south as Dryden. The total average load sold in 1946 was 11,110 horsepower, an increase of 22 per cent.

The **Rainy River district** serves, with 60-cycle power purchased from the Thunder Bay system, the Steep Rock Iron Mines and adjacent territory. The total average load sold to consumers in 1946 was 17,018 horsepower, a decrease of 5.9 per cent. Additional loads to be taken by the Steep Rock Iron Mine during the coming year will more than make up this loss.

The **Manitoulin rural operating area,** comprising all of Manitoulin Island, is also included in the Northern Ontario Properties. Power has been purchased from the Manitoulin Pulp Company, a subsidiary of Little Rapid Pulp Company of Minnesota which owned the Kagawong hydro-electric development on Manitoulin island. The Commission on November 1, 1946 acquired this generating plant.

Studies were made covering the installation of diesel-engine auxiliary units and also for securing a power supply from another hydro-electric source, or from a combination of both to supplement the output of the existing generating plant. Definite action will be taken to provide a new source of power next year.

Summary

Power is supplied by the Commission in Northern Ontario to thirty municipalities and townsites; four rural operating areas; fifty-eight gold mines; nine silver and cobalt mines; three nickel mines and to one iron mine. The total load sold in 1946 was 218,493 horsepower, a decrease of 8.1 per cent. Present indications are that increases during the coming year will more than make up for this load loss.

Great activity took place during 1946 involving plans for extensive expansion in gold, nickel, and iron mining operations, and also in connection with new pulp and paper mills. These activities may increase demands for power by approximately 70,000 horsepower during the next five years. The Commission is making plans to provide new power supplies to meet these conditions.

SECTION IV

RURAL ELECTRICAL SERVICE

IN ONTARIO

AGRICULTURE, the leading industry in the Province of Ontario, is depending more and more for its efficient and profitable operation upon low-cost Hydro service. The Hydro-Electric Power Commission is endeavouring to overcome difficulties caused by shortages of materials so that an increased productive capacity and a higher standard of living may be provided, through Hydro service, for many more of the farms of Ontario.

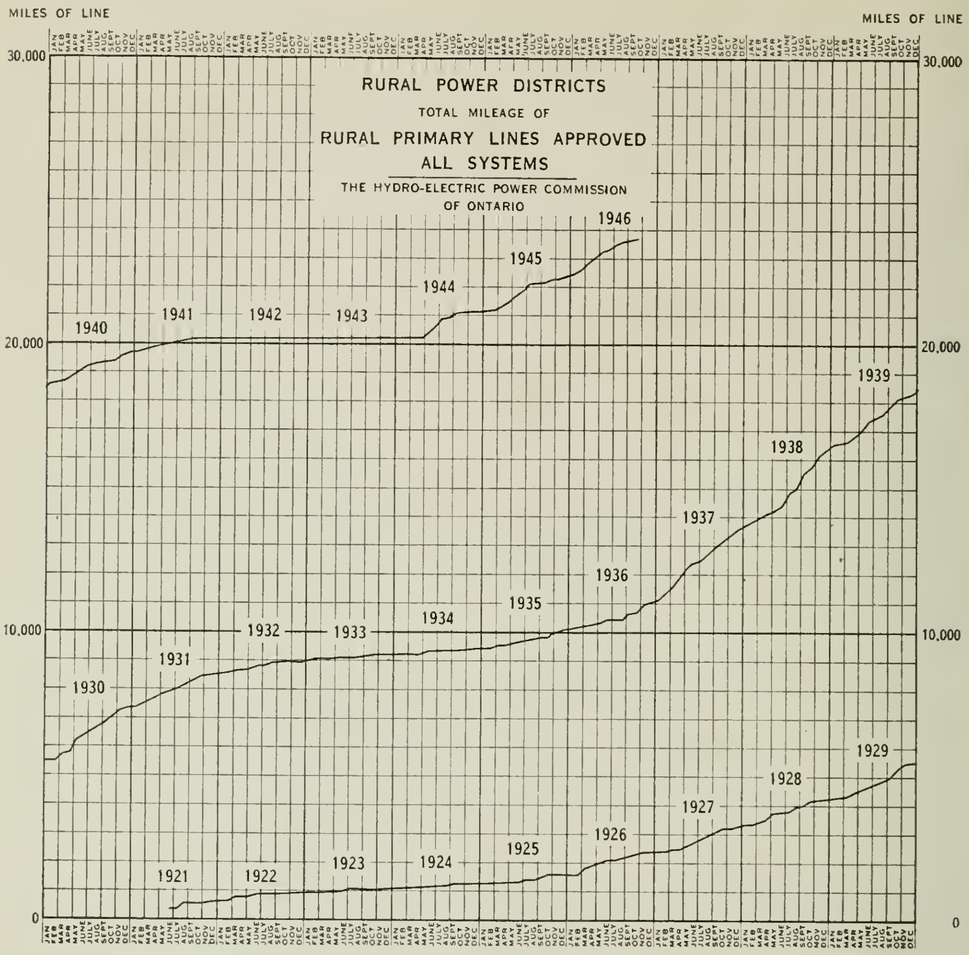
In 1944, the Commission put into operation a comprehensive revision of its rural service, incorporating a uniform rate structure with a common rate applicable to each class of service. It should be noted that the uniform rate applies to rural consumers only. Industrial power consumers served by the lines and facilities of rural operating areas have separate power rates. These rates, based on local cost of power and other factors, are given at the end of this section.

When introduced it was considered that the new rural rate structure would lessen some of the difficulties inherent in the problem of wider distribution of electricity in rural Ontario. After three years it is manifest that the revision carried out constitutes the greatest step forward since the formation of rural power districts (now called rural operating areas) in 1920, and the subsequent grants-in-aid inaugurated by the Province in 1921, and extended in 1924, in connection with its well established policy of assistance to agriculture.

Although for convenience of administration, the local rural operating areas have been retained as administrative units, the whole rural service is amalgamated into one rural power division of Hydro service, with a pooling of all revenue and expenses. This rural amalgamation and unification of rates is made possible by the financial assistance given by the Province as part of its aid to agriculture. The extent and effect of the Province's financial assistance with respect to the distribution of power in rural operating areas should therefore be clearly understood.

Provincial Assistance

The government grant-in-aid of 50 per cent of the capital cost of lines and equipment for the supply of power, relates solely to the initial capital investment for distribution facilities in rural operating areas.



Having made this grant-in-aid the government further participates in the operation of the province-wide Hydro rural service in that it guarantees the Commission against loss due to the fixing of a maximum service charge or its reduction or removal.*

The new set-up is a means of apportioning the benefits from provincial assistance where they will do most good: namely, to the farmer in sparsely settled and less fertile farming areas where, because of these conditions, electrical service is necessarily more costly to provide.

Status of Rural Service in 1946

In 1946, 30 areas were amalgamated with other areas and rural service in Ontario is now given through 91 operating administrative units which, for convenience, continue to be referred to as rural operating areas. Power was delivered to approximately 177,605 rural consumers, comprising farms and dwellings in various groups. The consumers are situated in 433 organized

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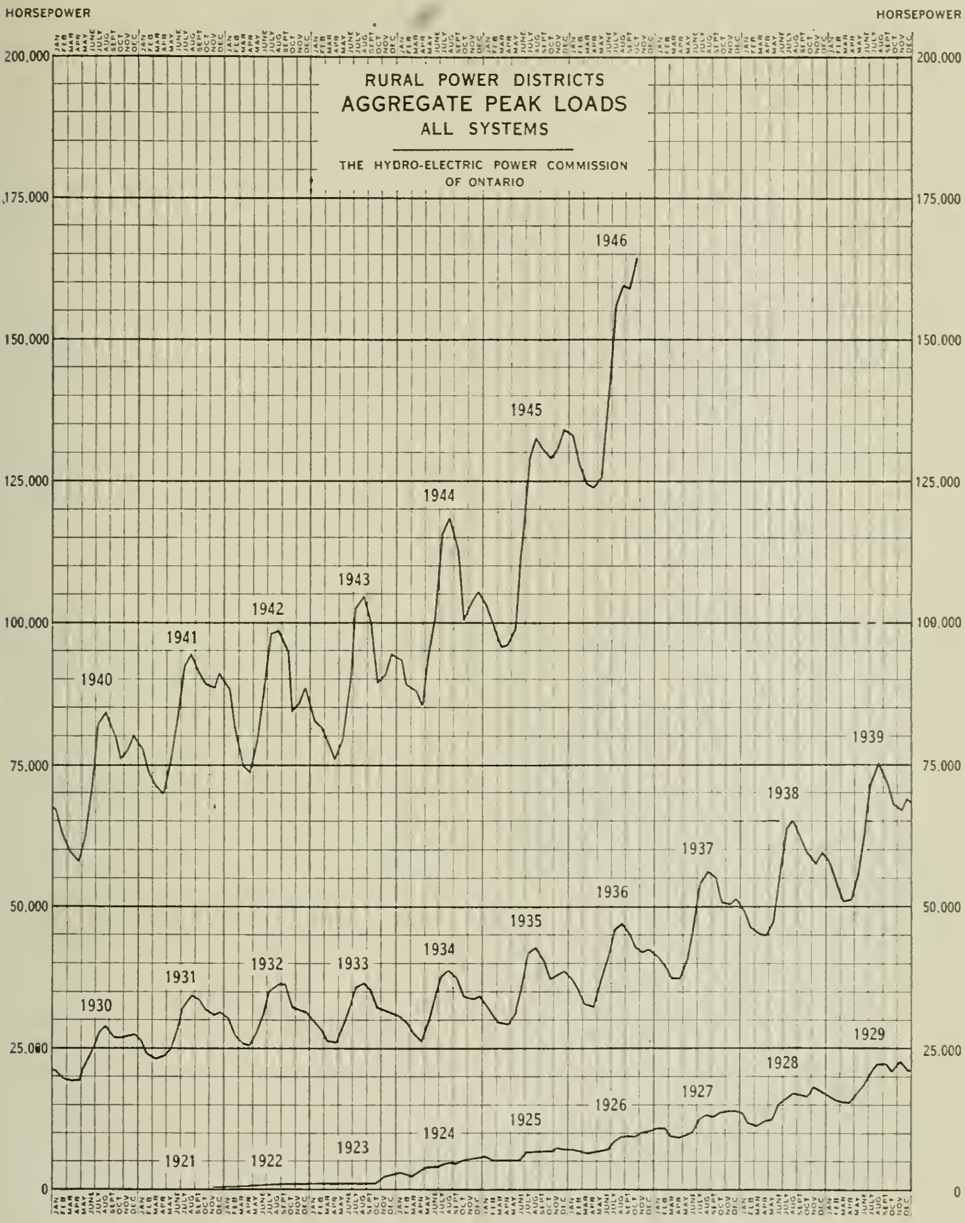
* The Rural Power District Service Charge Amendment Act, 1944.



townships; 22 unorganized townships and 123 police villages, villages and small towns and are served over a network of rural primary lines which aggregate 23,663 miles. In addition to the 455 townships served by rural operating areas, 10 townships are served jointly by rural operating areas and voted areas.

During 1946 the situation in regard to material required for construction of rural lines improved. The delivery of wood poles was greatly improved,

RURAL LINE EXTENSIONS APPROVED BY THE COMMISSION DURING THE YEAR 1946

System	Miles of primary line	Net increase in number of consumers			Power supplied in October 1946	Capital approved for extensions	
		Farm	Non-farm	Total		Total	Provincial grant-in-aid
					h.p.	$	$
Southern Ontario							
Niagara division....	465.61	3,365	5,477	8,842	113,099	2,555,480	1,277,740
Georgian Bay div...	283.23	1,143	2,357	3,500	16,207	1,136,732	559,249
Eastern Ontario div.	484.26	1,923	2,664	4,587	30,769	1,913,314	956,657
Southern Ont. totals..	1,233.10	6,431	10,498	16,929	160,075	5,605,526	2,793,646
Thunder Bay.......	13.50	40	81	121	1,126	51,850	25,925
Northern Ontario Properties........	149.68	399	781	1,180	3,223	582,940	291,470
Totals..........	1,396.28	6,870	11,360	18,230	164,424	6,240,316	3,111,041

but materials such as conductors and line hardware were insufficient to permit the completion of more than sixty per cent of the primary extension programme originally proposed. Service connections were also delayed due to the non-delivery of suitable transformers having regard to the voltage and frequency employed in each area.

On October 31, 1946, there were enough rural applications for service on hand to warrant the construction of 4,559 miles of new primary line. In addition it is anticipated that further applications will be received during the year which will require 2,970 miles of primary line, making a total of 7,529 at the end of 1947. Our construction plans call for the building, in 1947, of about 1,500 miles of the above mileage, providing we can get the material for this programme as well as for a considerable programme of betterments to improve our service to existing consumers.

When it became necessary during the war to extend our lines to assist in production of food, material was so short that we had to use it for extensions and postpone improvements to service. It has now become necessary in many areas to increase the capacity of our lines before extending them further.

During the past year the mileage of rural-line extensions, approved for construction in rural operating areas in Ontario, was 1,396. The net increase in the number of consumers after allowance for cancellation and sale of lines in annexed territories to municipalities was 18,230. Whereas the primary line extensions approved or constructed were below the proposed programme, nevertheless the number of consumers that were added to existing lines was so great that the total consumers added was considerably higher than any previous number in any year since the commencement of rural power distribution.

SUMMARY OF RURAL LINE EXTENSIONS

Approved by the Commission from June 1, 1921 to October 31, 1946

Constructed or Under Construction

System	Miles of primary line	Number of consumers			Capital approved for extensions	
		Farm	Non-farm	Total	Total	Provincial grant-in-aid
					$ c.	$ c.
SOUTHERN ONTARIO						
Niagara division....	13,170.24	48,796	56,775	105,571	35,316,908.89	17,635,174.44
Georgian Bay div...	3,858.92	8,750	18,130	26,880	9,232,993.95	4,514,716.49
Eastern Ontario div.	5,798.58	16,026	22,131	38,157	15,243,343.31	7,621,671.65
Southern Ont. totals...	22,827.74	73,572	97,036	170,608	59,793,246.15	29,771,562.58
THUNDER BAY.......	312.30	675	1,049	1,724	732,335.00	366,167.50
NORTHERN ONTARIO PROPERTIES........	522.54	972	4,301	5,273	1,773,218.00	886,609.00
Totals..........	23,662.58*	75,219	102,386	177,605	62,298,799.15	31,024,339.08

* These totals include 904.78 miles of primary line under construction on October 31, 1946 and service to 4,243 new consumers, not completed until after the end of the fiscal year.

During the year 233 rural consumers were annexed by urban municipalities and this group has been deducted from the total number of consumers.

The average aggregate peak load* supplied to all rural Hydro consumers, in rural areas in the Province, amounted to 139,818 horsepower, an increase of 26 per cent over 1945.

In previous years the maximum aggregate power sold in rural areas occurred during the summer months of July or August. During August 1946 the peak was 159,306 horsepower or 20 per cent higher than the previous summer peak. Had the usual conditions prevailed the power sold to consumers during the fall and winter should have been slightly lower than the preceding summer peak, however the use of rural power is increasing to such an extent that during the month of October a peak of 164,424 horsepower was established, and the winter peak reached 166,000 horsepower.

Rural Loans

Under The Rural Power District Loans Act, 1930, authority was given to The Hydro-Electric Power Commission of Ontario to finance the installation of wiring and the purchase of specified electrical equipment by rural farm consumers.

Owing to the necessity to conserve funds for war purposes this financing was discontinued on October 31, 1940. Up to that time 1,776 loans had been granted, amounting to $360,852. Details are as given in previous Annual Reports.

To October 31, 1946, 1,769 loans had been repaid in full, either through the maturing of the loan or by being paid in advance by the borrower.

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* Average aggregate peak load is the summation of the twelve monthly peak loads for each and all rural operating areas divided by twelve.

NEW UNIFORM RURAL RATE STRUCTURE

The new uniform rural rate structure, for the sale of energy, was placed in effect on January 1, 1944 for all rural Hydro service throughout the Province and replaced the numerous rural rate schedules previously in effect.

A further reduction in the first energy charge was made on May 1, 1945. So that the new energy rates now consist of a three-step energy charge, as follows:

1. A first block or number of kilowatt-hours of energy consumption in the billing period, charged for at 3.5 cents gross per kilowatt-hour;

2. A second block or number of kilowatt-hours of energy consumption in the billing period, charged for at 1.6 cents gross per kilowatt-hour; and

3. All remaining kilowatt-hours of energy consumption in the billing period, charged for at 0.75 cents gross per kilowatt-hour.

In addition, the service charge in use prior to January 1, 1944, was eliminated in the case of Farm and Commercial service, reduced by 50 per cent for Hamlet service and changed to an annual fixed charge in the case of Summer service.

Under the new rate schedules, rural service is now available in four main classes. All rural contracts for service carry a symbol consisting of a letter indicating the classification of the contract, followed by a number which indicates the demand rating or permissible demand in kilowatts contracted for. These classes and symbols are: Farm service, F; Hamlet service, H; Commercial service, C, and Summer service, S.

The following is the rate schedule for each main class of service with minimum demand rating:

RATE SCHEDULES FOR RURAL SERVICE—MINIMUM DEMAND

Class and minimum rating	Demand	Service charge per month	Energy consumption per month			Minimum bill (gross) per month
			at 3.5 cents per kw-hr	at 1.6 cents per kw-hr	at 0.75 cents per kw-hr	
	kw	cents	kw-hrs	kw-hrs	kw-hrs	$ c.
F3	3	Nil	60	180	Balance	2.25
H2 (2 wire)	2	56	40	80	Balance	1.67
H3 (3 wire)	3	56	40	180	Balance	2.25
C2	2	Nil	60	120	Balance	1.50
		Annual fixed charge	Energy consumption per year			Minimum bill per year
			at 3.5 cents per kw-hr	at 1.6 cents per kw-hr	at 0.75 cents per kw-hr	
		$ c.	kw-hrs	kw-hrs	kw-hrs	$ c.
S2	2	11.11	150	450	Balance	Annual fixed charge
		Prompt payment discount—10 per cent				

For higher demands, above the minimum rating, add to the minimum rating set out above, for each additional kilowatt, the following:

RATE SCHEDULES FOR RURAL SERVICE

ADDITIONAL CHARGES AND CONSUMPTIONS FOR EXTRA DEMAND

Class	Additional service charge per month per kw	Energy consumption per month per kw.			Addition to minimum bill (gross) per month per kw
		at 3.5 cents per kw-hr	at 1.6 cents per kw-hr	at 0.75 cents per kw-hr	
		kw-hrs	kw-hrs	kw-hrs	$ c.
F4, F5, etc.	Nil	20	60	Balance	0.75
H4, H5, etc.	No increase	20	60	Balance	0.75
C3, C4, etc.	Nil	30	60	Balance	0.75
	Additional annual fixed charge	Energy consumption per year per kw.			Minimum bill per year
		at 3.5 cents per kw-hr	at 1.6 cents per kw-hr	at 0.75 cents per kw-hr	
	$ c.	kw-hrs	kw-hrs	kw-hrs	$ c.
S3, S4, etc.	3.33*	75	225	Balance	Annual fixed charge
	Prompt payment discount—10 per cent				

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* Yearly minimum fixed charge for all summer classes above S2—$15.56 (gross), or $3.33 (gross), per kw of demand, whichever is the greater.

DESCRIPTION OF MAIN CLASSES OF HYDRO RURAL SERVICE

Beginning January 1, 1944 electrical service was supplied in rural operating areas under four main classes described below. When the class of service which will meet the requirements of the individual consumer has been chosen, contracts are executed between the consumer and the corporation of the township concerned.

Farm Service

Farm service shall be considered to be service to property having lands used for the production of food stuff or industrual crops for sale and from which a substantial livelihood is obtained. It shall include electrical service to all farm buildings and equipment situated on the farm and used for farm purposes, including buildings and equipment required for processing the products of the customer's farm.

Service under a single farm contract may be supplied to all dwellings or separate domestic establishments situated on the farm property and occupied by persons who are regularly engaged in the operation of the farm.

Additional dwellings or domestic establishments situated on a farm property and occupied by persons not regularly engaged in the operation of the farm, if served, shall be classed as hamlet contracts and rated accordingly. Small properties of five acres and less will be classed as hamlet services except under special circumstances which would justify a farm classification.

The minimum demand rating of a farm service for billing purposes shall be taken as three kilowatts.

Hamlet Service

Hamlet service shall be considered to be service to a domestic establishment or residence in a rural or in a small suburban community served as part of a rural operating area. This class shall include isolated rural residences.

The demand rating of a two-wire hamlet service will be taken as two kilowatts and will be limited by a 20-ampere breaker or a 30-ampere fuse. Where the hamlet service exceeds two kilowatts, three-wire service shall be supplied and the minimum demand rating for a three-wire service shall be three kilowatts.

Commercial Service

Commercial service shall be considered to be service to community or business premises including schools, churches, public halls, hospitals, hotels, public boarding houses, tourist camps, business and professional offices, stores, repair shops, garages, gasoline stations, blacksmith and woodworking shops, small manufacturing and processing plants, chick hatcheries, sign and display lighting and all other premises used for commercial or community purposes.

Single-phase power only will be supplied under a commercial contract. Where three-phase power is required, the service will be classed as an "Industrial power service."

The minimum demand rating of a commercial contract shall be two kilowatts for a two-wire service and three kilowatts for a three-wire service.

Summer Service

Summer service is applicable to properties where service is used normally only during the summer months and which are not established as the consumer's permanent residence. This service is not limited to cottages, but may include summer hotels, tourist camps, refreshment booths and other commercial premises.

The demand rating of a two-wire summer service will be taken as two kilowatts and will be limited to a maximum of a 20-ampere breaker or a 30-ampere fuse. Where the summer service exceeds two kilowatts, three-wire service shall be supplied and the minimum demand rating for a three-wire service shall be three kilowatts.

STANDARD NUMBER OF CONSUMERS PER MILE

The number of consumers required per mile of line extension varies according to classification and rating of all applicants. For this purpose a unit rating is allocated to each consumer, according to the classification and rating.

The following table shows the number of units and contracts per mile for each class of service:—

Classification of consumer	Rating in kilowatts	Units per contract	Contracts per mile
Single Services			
Farm	3 and over	5	2
Hamlet	2	3	3.33
Hamlet	3	3	3.33
Hamlet	4	3	3.33
Hamlet	5 and over	4	2.5
Commercial	2	3	3.33
Commercial	3	3	3.33
Commercial	4	3	3.33
Commercial	5 and over	4	2.5
Summer	2	2	5
Summer	3	2	5
Summer	4	2	5
Summer	5 and over	3	3.33
Multiple Services			
Farm	3 and over	5	2
Hamlet	4	3	3.33
Hamlet	5 and over	4	2.5
Commercial	4	3	3.33
Commercial	5 and over	4	2.5
Summer	4	2	5
Summer	5 and over	3	3.33
Combination Services			
Total kilowatts of:			
Combined Farm with Hamlet or Commercial	4 and over	5	2
Combined Hamlet with Commercial	up to 4	3	3.33
Combined Hamlet with Commercial	5 and over	4	2.5

An attractive farm home in Ontario

RATE SCHEDULES FOR INDUSTRIAL POWER SERVICE SERVED THROUGH FACILITIES OF RURAL OPERATING AREAS

As a result of studies made during 1945, the following schedule of rates for industrial power service was placed in effect on January 1, 1946.

Industrial Power Service

Power service shall cover three-phase service to power users such as creameries, cheese factories, chopping mills, industries and special loads which cannot be supplied as Commercial single-phase service.

INDUSTRIAL POWER SERVICE—RATES TO CONSUMERS SERVED THROUGH FACILITIES OF RURAL OPERATING AREAS

Control office location	Rural operating areas	Basis of rate, 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs per month per kw-hr	Second 50 hrs per month per kw-hr	All additional per kw-hr	Local discount	Prompt payment discount
Southern Ontario System—Niagara Division								
		$ c.	$ c.	cents	cents	cents	%	%
Aylmer.......	Aylmer......	27.00	1.00	2.3	1.5	0.33	....	10
Beamsville....	Beamsville...	24.00	1.00	2.3	1.5	0.33	10	10
Blenheim.....	Blenheim....	28.00	1.00	2.5	1.6	0.33	....	10
Bothwell.....	Bothwell....	30.00	1.00	2.8	1.8	0.33	....	10
Brampton....	Brampton...	26.00	1.00	2.2	1.4	0.33	....	10
Brantford....	Brantford...	26.00	1.00	2.2	1.4	0.33	....	10
Burlington....	Burlington...	25.00	1.00	2.0	1.3	0.33	....	10
Cayuga......	Cayuga.....	33.00	1.00	3.2	2.1	0.33	....	10
Chatham. ...	Chatham....	25.00	1.00	2.0	1.3	0.33	....	10
Clinton.......	Clinton......	31.00	1.00	2.9	1.9	0.33	....	10
Delaware.....	Delaware....	26.00	1.00	2.2	1.4	0.33	....	10
Dorchester....	Dorchester...	26.00	1.00	2.2	1.4	0.33	....	10
Dundas......	Dundas.....	25.00	1.00	2.0	1.3	0.33	....	10
Elmira.......	Elmira......	26.00	1.00	2.2	1.4	0.33	....	10
Essex........	Essex.......	27.00	1.00	2.3	1.5	0.33	....	10
Exeter.......	Exeter......	30.00	1.00	2.8	1.8	0.33	....	10
Forest.......	Forest......	31.00	1.00	2.9	1.9	0.33	....	10
Guelph.......	Guelph......	24.00	1.00	2.3	1.5	0.33	10	10
Harrow......	Harrow.....	28.00	1.00	2.5	1.6	0.33	....	10
Ingersoll.....	Ingersoll....	25.00	1.00	2.0	1.3	0.33	....	10
Kingsville....	Kingsville...	28.00	1.00	2.5	1.6	0.33	....	10
Kitchener....	Kitchener...	26.00	1.00	2.2	1.4	0.33	....	10
Listowel......	Listowel.....	26.00	1.00	2.2	1.4	0.33	....	10
London......	London.....	25.00	1.00	2.0	1.3	0.33	....	10
Lucan........	Lucan... ...	30.00	1.00	2.8	1.8	0.33	....	10
Markham....	Markham...	26.00	1.00	2.2	1.4	0.33	....	10
Merlin.......	Merlin......	28.00	1.00	2.5	1.6	0.33	....	10
Mitchell......	Mitchell.....	28.00	1.00	2.5	1.6	0.33	....	10
St. Catharines.	Niagara.....	23.00	1.00	2.1	1.4	0.33	10	10
Norwich	Norwich.....	26.00	1.00	2.2	1.4	0.33	....	10

INDUSTRIAL POWER SERVICE—RATES TO CONSUMERS

SERVED THROUGH FACILITIES OF RURAL OPERATING AREAS

Niagara Division—Continued

Control office location	Rural operating areas	Basis of rate, 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs per month per kw-hr	Second 50 hrs per month per kw-hr	All additional per kw-hr	Local discount	Prompt payment discount
		$ c.	$ c.	cents	cents	cents	%	%
Oil Springs...	Oil Springs...	31.00	1.00	2.9	1.9	0.33	....	10
Richmond Hill	Rich'd Hill..	26.00	1.00	2.2	1.4	0.33	....	10
Ridgetown....	Ridgetown...	32.00	1.00	3.1	2.0	0.33	....	10
St. Thomas...	St. Thomas..	27.00	1.00	2.3	1.5	0.33	....	10
Stoney Creek.	Saltfleet.....	22.00	1.00	1.9	1.3	0.33	10	10
	Caledonia Section....	25.00	1.00	2.0	1.3	0.33	....	10
Sarnia.......	Sarnia......	29.00	1.00	2.6	1.7	0.33	....	10
Simcoe.......	Simcoe......	28.00	1.00	2.5	1.6	0.33	....	10
Stratford.....	Stratford....	26.00	1.00	2.2	1.4	0.33	....	10
Sutton.......	Sutton......	28.00	1.00	2.5	1.6	0.33	....	10
Tillsonburg...	Tillsonburg..	26.00	1.00	2.2	1.4	0.33	....	10
Wallaceburg..	Wallaceburg.	27.00	1.00	2.3	1.5	0.33	....	10
Welland.. ...	Welland.....	20.00	1.00	1.6	1.0	0.33	10	10
West Lorne...	West Lorne..	30.00	1.00	2.8	1.8	0.33	....	10
Windsor......	Windsor.....	25.00	1.00	2.0	1.3	0.33	....	10
Woodbridge...	Woodbridge..	27.00	1.00	2.3	1.5	0.33	....	10
Woodstock...	Woodstock...	25.00	1.00	2.0	1.3	0.33	....	10

Southern Ontario System—
Georgian Bay Division

Control office location	Rural operating areas	Basis of rate, 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs per month per kw-hr	Second 50 hrs per month per kw-hr	All additional per kw-hr	Local discount	Prompt payment discount
		$ c.	$ c.	cents	cents	cents	%	%
Bala.........	Bala........	25.00	1.00	2.0	1.3	0.33	....	10
Barrie........	Barrie.......	30.00	1.00	2.8	1.8	1.33	....	10
Bracebridge...	Bracebridge..	29.00	1.00	2.6	1.7	0.33	....	10
Cannington...	Cannington..	31.00	1.00	2.9	1.9	0.33	....	10
Orillia........	Hawkestone.	24.00	1.00	2.3	1.5	0.33	10	10
Huntsville....	Huntsville...	28.00	1.00	2.5	1.6	0.33	....	10
Penetang.....	Midland.....	27.00	1.00	2.3	1.5	0.33	....	10
Orangeville...	Orangeville..	36.00	1.00	3.7	2.4	0.33	....	10
Owen Sound..	Owen Sound.	32.00	1.00	3.1	2.0	0.33	....	10
Shelburne....	Shelburne...	31.00	1.00	2.9	1.9	0.33	....	10
Stayner......	Stayner.....	26.00	1.00	2.2	1.4	0.33	....	10
Uxbridge.....	Uxbridge....	32.00	1.00	3.1	2.0	0.33	....	10
Walkerton....	Walkerton...	30.00	1.00	2.8	1.8	0.33	....	10
Wingham.....	Wingham....	31.00	1.00	2.9	1.9	0.33	....	10

INDUSTRIAL POWER SERVICE—RATES TO CONSUMERS SERVED THROUGH FACILITIES OF RURAL OPERATING AREAS

Control office location	Rural operating areas	Basis of rate, 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs per month per kw-hr	Second 50 hrs per month per kw-hr	All additional per kw-hr	Local discount	Prompt payment discount
Southern Ontario System— Eastern Ontario Division								
		$ c.	$ c.	cents	cents	cents	%	%
Arnprior	Arnprior	25.00	1.00	2.0	1.3	0.33	....	10
	Renfrew	25.00	1.00	2.0	1.3	0.33	....	10
Belleville	Belleville	24.00	1.00	2.3	1.5	0.33	10	10
Bowmanville	Bowmanville	26.00	1.00	2.2	1.4	0.33	....	10
Brockville	Brockville	25.00	1.00	2.0	1.3	0.33	....	10
Carleton Place	Carleton Pl.	24.00	1.00	2.3	1.5	0.33	10	10
Cobourg	Cobourg	25.00	1.00	2.0	1.3	0.33	....	10
Delta	Delta	26.00	1.00	2.2	1.4	0.33	....	10
Fenelon Falls	Fenelon Falls	28.00	1.00	2.5	1.6	0.33	....	10
Frankford	Frankford	23.00	1.00	2.1	1.4	0.33	10	10
	Brighton	23.00	1.00	2.1	1.4	0.33	10	10
Kingston	Kingston	25.00	1.00	2.0	1.3	0.33	....	10
Lancaster	Martintown	33.00	1.00	3.2	2.1	0.33	....	10
Millbrook	Millbrook	28.00	1.00	2.5	1.6	0.33	....	10
Minden	Minden	28.00	1.00	2.5	1.6	0.33	....	10
Napanee	Napanee	24.00	1.00	2.3	1.5	0.33	10	10
Norwood	Norwood	31.00	1.00	2.9	1.9	0.33	....	10
Oshawa	Oshawa	25.00	1.00	2.0	1.3	0.33	....	10
Ottawa	Ottawa	22.00	1.00	1.9	1.3	0.33	10	10
Peterborough	Peterborough	20.00	1.00	1.6	1.0	0.33	10	10
	Lakefield	25.00	1.00	2.0	1.3	0.33	....	10
Picton	Picton	29.00	1.00	2.6	1.7	0.33	....	10
Tweed	Tweed	34.00	1.00	3.4	2.2	0.33	....	10
Winchester	Winchester	26.00	1.00	2.2	1.4	0.33	....	10
Thunder Bay System								
		$ c.	$ c.	cents	cents	cents	%	%
Thunder Bay	Thunder Bay	24.00	1.00	2.3	1.5	0.33	10	10
Northern Ontario Properties								
		$ c.	$ c.	cents	cents	cents	%	%
Matheson	Connaught	40.00	1.00	4.3	2.8	0.33	....	10
Kagawong	Manitoulin	35.00	1.00	3.5	2.3	0.33	....	10
North Bay	North Bay	36.00	1.00	3.7	2.4	0.33	....	10
Sudbury	Sudbury	35.00	1.00	3.5	2.3	0.33	....	10

RURAL ELECTRICAL SERVICE IN ONTARIO

Hydro service enables Ontario farmers to attain a high standard of living

FARM USES FOR ELECTRICITY

The use made of electrical service by farmers divides itself broadly into applications which provide a higher standard of living in the farm home, and applications which add to the productive capacity of a farm. Some applications, for example, lighting and water pumping, do both.

Farming is a productive industry and the ability of electrical service to provide light, heat and power in a wide range of intensities free from the hazards associated with oil or other fuel and the ease with which electricity may be controlled, permit applications to farm production problems not feasible with any other source of power.

These applications result in savings in labour, increased production, improved quality, prevention of waste, reduced costs and substantial increases in earnings.

To the farm home electricity can bring the same conveniences as are enjoyed by urban residents. It eliminates the drudgery of many household tasks, improves health and comfort and, through the radio, furnishes entertainment, news, discussions of current topics and market reports, all of which bring greater contentment in the rural way of life.

In building up his electrical equipment to receive the maximum benefit from Hydro rural service, the farmer should keep a nice balance between appliances for use in the home and appliances which will add to the productive capacity of his farm. It is especially desirable that following the installation of lighting service in the home and outbuildings his early concern should be to purchase equipment which will result in cash returns.

Lighting Service

Electric lighting is safe, convenient and reduces the fire hazard to a minimum. It adds comfort and attractiveness to the farm home. In the barn and other buildings it saves time and prevents accidents while doing chores.

In productive operations it is used in the poultry laying house to supplement daylight during the winter months, thus increasing egg production during a period when prices are highest.

In floriculture lighting may be used to promote or retard the flowering of certain flowering plants in order to meet the demand of special occasions.

Special applications of lighting include insect traps, infra-red lamps for brooders and ultra-violet lamps to improve the health of poultry and other stock.

Heating Service

The safety and ease of control of electricity as a source of heating has found many applications. In the home it makes possible many of the familiar appliances, such as irons, toasters, hot plates, electric ranges and water heaters, all of which add to the comfort and convenience of the home. The ease of automatic control of electric heat has found application in incubators and poultry brooders, where accurate control of temperature is necessary.

Water heaters and dairy sterilizing equipment assist in maintaining a high quality of milk production. Small capacity heaters are used to maintain drinking water at suitable temperature for poultry, with resultant increases in egg production during the winter months. Electric heat also finds application in brooders for pigs and lambs, preventing loss of these animals during cold weather and effecting very substantial savings and increased earnings.

In horticulture electric soil heating is used for the early germination and propagation of seeds and plants and their protection against frost.

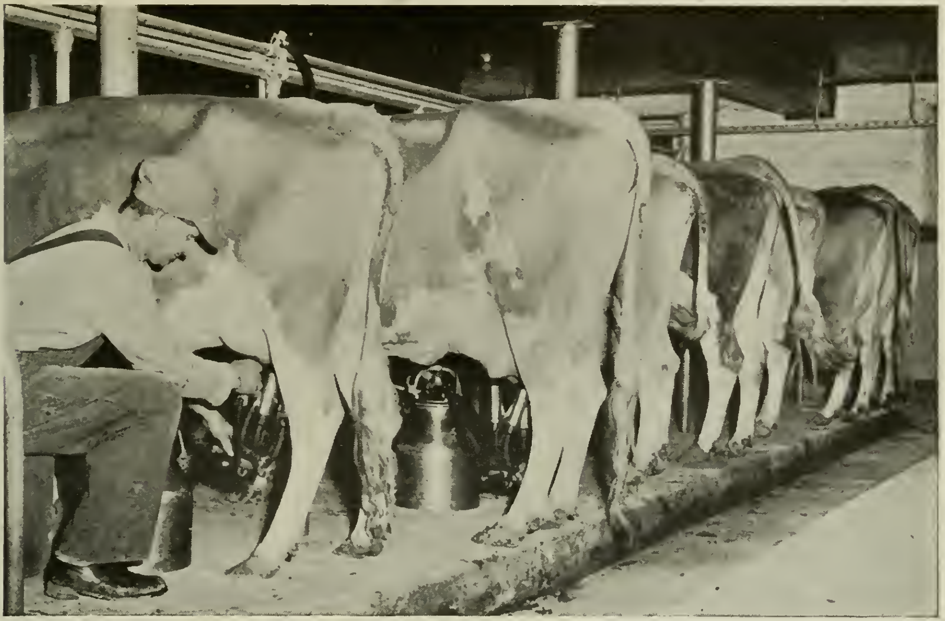
Power for Electric Motors

Electric motors find many uses in replacing manual effort. A quarter-horsepower motor can operate any machine that can be operated by hand, thus effecting savings in time and effort.

In the home motors make possible washing machines, ironing machines, vacuum cleaners, fans, furnace blowers, water pumps and refrigerators and the new cold storage home locker for the preservation and storage of perishable foods in quantity. Thus, motors contribute towards making the farm home equal in comfort and convenience to the urban home.

In farming operations electric motors are used for grinding grain and the operation of feed mixers, effecting substantial cash savings. They are also used for pumping water for stock and the operation of milking machines, cream separators and milk coolers. These result in very substantial savings in labor, and increases in production, and permit the handling of larger herds, effecting increases in farm earnings.

Portable utility motors of various sizes find many applications, such as wood cutting, hoisting hay, elevating grain, seed cleaning and, in the workshop, motor-driven grinders and other equipment provide facilities for maintaining farm equipment in repair and facilitate the construction of various pieces of useful equipment in connection with farming operations.



RURAL ELECTRICAL SERVICE IN ONTARIO
Electric milking machines ensure cleaner milk and save greatly on labour

Estimates of the major electrical appliances used in rural operating areas are set out in the following table:

NOTE: Due to war conditions no survey has been made since 1942 as the sale of appliances was considerably curtailed.

ELECTRICAL APPLIANCES IN USE AMONG FARM CONSUMERS IN RURAL OPERATING AREAS

Data for all systems for the year 1942

On the farm			In the farm home		
Item	Number of appliances	Percentage of saturation	Item	Number of appliances	Percentage of saturation
Motor	11,240	18.0	Range	11,688	18.7
Pump	10,186	16.3	Hot Plates	14,921	23.9
Grain grinders	4,293	6.9	Washers	40,014	64.2
Milking Machine	3,920	6.3	Vacuum cleaners	10,651	17.1
Milk cooler	1,517	2.4	Water heaters, flat rate	2,739	4.4
Cream separator	5,302	8.5	Water heaters, metered	1,481	2.4
Churn	656	1.1	Grates	539	0.9
Incubator	828	1.3	Portable air heaters	4,970	7.9
Brooder	1,550	2.5	Ironers	938	1.5
Hot Bed	56	0.1	Hand Irons	50,314	80.7
Water heater, flat rate	181	0.3	Refrigerators	10,913	17.5
Water heater metered,	113	0.2	Toasters	35,465	56.9
Miscellaneous	861	1.4	Radios	49,747	79.8
			Furnace blowers	1,393	2.2
			Pumps	10,480	16.8
			Miscellaneous	2,276	3.6

The following table makes comparison between rural and urban use:—

ELECTRICAL APPLIANCES IN USE IN HOMES OF URBAN AND RURAL CONSUMERS—1942

Electrical appliances	Rural operating area				Urban	
	Hamlet		Farm			
	Number of appliances	Percentage of saturation	Number of appliances	Percentage of saturation	Number of appliances	Percentage of saturation
Ranges	7,243	13.4	11,688	18.7	166,498	29.7
Hot Plate	13,524	25.0	14,921	23.9	91,260	16.3
Washer	28,270	52.2	40,014	64.2	359,428	64.0
Vacuum cleaner	9,730	18.0	10,651	17.1	270,067	48.1
Water heater, flat rate	2,408	4.4	2,739	4.4	75,241	13.4
Water heater, metered	1,303	2.4	1,481	2.4	75,321	13.4
Grate	420	0.8	539	0.9	50,619	9.0
Air heater	3,992	7.4	4,970	7.9	62,383	11.1
Ironers	914	1.7	938	1.5	19,685	3.5
Irons	41,751	77.0	50,314	80.7	561,912	100.1
Refrigerators	10,184	18.8	10,913	17.5	218,922	39.0
Toasters	29,240	53.9	35,465	56.9	439,971	78.4
Radio	42,033	77.5	49,747	79.8	577,309	102.8
Furnace blower	1,629	2.3	1,393	2.2	62,338	11.1
Grills	....	....	....	....	126,650	22.6
Pump	7,112	13.1	10,480	16.8	....	....
Air-conditioner	....	....	....	....	10,202	1.8
Miscellaneous	2,532	4.7	2,276	3.6	....	....

RURAL SERVICE STATISTICS 1944 AND 1945

Service	Year	Annual revenue	Kilowatt-hours consumed	Number of consumers billed*	Average revenue per kw-hr.	Average monthly bill	Average monthly consumption. kw-hr.†
		$ c.			cents	$ c.	
Farm service	1944	2,396,508.94	113,706,660	59,639	2.11	3.53	167
	1945	2,606,431.15	137,194,727	65,141	1.90	3.48	183
Hamlet service	1944	1,937,102.28	82,106,734	56,130	2.36	2.95	125
	1945	2,027,283.82	92,056,781	58,867	2.20	2.93	133
Commercial service	1944	341,646.50	15,010,213	8,262	2.28	3.51	154
	1945	381,570.09	18,915,619	8,870	2.02	3.72	184
Summer service	1944	435,622.43	11,859,662	19,291	3.67	1.93	53
	1945	473,887.53	14,250,142	20,947	3.33	1.96	59

*It may be observed that the number of consumers reported here does not agree with those shown in other sections of the Annual Report of the Commission. This is due to the fact that the figures given here represent consumers actually billed, but do not include power or special contracts, whereas elsewhere in the Report the tables show the number of contracts executed to the end of the fiscal year. In many cases service is not given until the following year.

1944 estimated—due to reclassification during the year.

HAMLET AND HOUSE LIGHTING SERVICE

Classified as 1B, 1C and 2A from 1928 to 1943

	Annual revenue	Kilowatt-hours consumed	Number of consumers billed*	Average revenue per kw-hr.	Average monthly bill	Average monthly consumption. kw-hr.
	$ c.			cents	$ c.	
1928	530,407.00	10,702,031	17,585	4.95	2.51	50.7
1929	663,311.00	14,424,770	21,219	4.60	2.85	62.0
1930	757,558.00	17,815,987	25,013	4.25	2.73	64.2
1931	974,224.17	22,127,474	31,176	4.40	2.88	65.6
1932	1,075,081.03	24,654,386	33,368	4.36	2.76	63.3
1933	1,133,368.70	25,410,470	35,941	4.46	2.70	60.1
1934	1,149,876.67	27,768,460	37,466	4.14	2.61	63.0
1935	1,171,873.28	30,802,290	39,751	3.80	2.53	66.5
1936	1,239,010.83	35,666,241	43,014	3.47	2.49	71.8
1937	1,331,919.46	40,935,040	46,785	3.25	2.47	76.0
1938	1,439,681.39	47,612,820	52,514	3.02	2.42	79.9
1939	1,649,496.29	54,787,544	58,328	3.01	2.36	78.3
1940	1,812,550.53	60,839,240	62,973	2.98	2.40	80.5
1941	1,995,468.46	67,587,082	67,939	2.95	2.45	82.9
1942	2,118,911.57	72,613,472	69,766	2.92	2.56	87.9
1943	2,170,221.41	73,980,871	70,919	2.93	2.57	87.6

FARM SERVICE

Classified as 2B, 3, 4, 5, 6A, 6B, 7A and 7B

from 1928 to 1943

Year	Annual revenue	Kilowatt-hours consumed	Number of consumers billed*	Average revenue per kw-hr.	Average monthly bill	Average monthly consumption. kw-hr.
	$ c.			cents	$ c.	
1928	569,007.00	10,969,828	9,309	5.18	4.97	96
1929	777,736.00	16,022,842	12,605	4.85	5.85	121
1930	863,805.00	20,507,063	16,011	4.21	5.03	119
1931	1,128,554.28	25,716,141	20,796	4.39	5.11	116
1932	1,255,482.13	28,675,400	22,432	4.38	4.84	110
1933	1,309,122.96	30,062,194	23,283	4.35	4.75	109
1934	1,319,922.69	33,312,314	23,882	3.96	4.66	118
1935	1,343,222.39	37,667,453	25,357	3.57	4.55	128
1936	1,385,784.39	45,447,669	28,198	3.05	4.31	141
1937	1,366,484.50	54,858,240	35,508	2.49†	3.57	144†
1938	1,711,788.81	67,886,882	44,565	2.52†	3.56	141†
1939	2,090,259.14	81,613,087	53,240	2.56†	3.56	139†
1940	2,405,092.40	93,859,719	58,728	2.56†	3.41	133†
1941	2,690,250.37	107,061,610	63,304	2.51	3.54	141
1942	2,870,300.31	116,448,363	63,748	2.46	3.75	152
1943	2,934,011.31	121,428,714	64,292	2.42	3.81	158

* See footnote to table on previous page.

† In the period 1937 to 1940, there was an increase in the statistical average revenue per kilowatt-hour and a decrease in the statistical average monthly consumption per consumer. Actually there was a great increase in the use of electricity by nearly all individual Hydro consumers and a corresponding decrease to each consumer in the average cost per kilowatt-hour. But due to the tremendous growth at this time in new consumers, who for the first few years are not equipped to use large quantities of electricity each month, the smaller monthly consumption of the new consumers when averaged with the increased use of the older consumers produced per consumer averages which obscured the true trends of individual growth in use, and, individual reductions in costs.

RURAL OPERATING AREAS

MILES OF LINE, NUMBER OF CONSUMERS—OCTOBER 31, 1946

Control office location	Rural operating area	Miles of line	Number of consumers					
			Farm	Hamlet	Commercial	Summer	Power	Total
Southern Ontario System— Niagara Division								
Aylmer..........	Aylmer..........	303.49	1,286	622	150	113	3	2,174
Beamsville.......	Beamsville.......	277.61	1,577	758	145	147	18	2,645
Blenheim.........	Blenheim.........	121.47	524	199	42	83	4	852
Bothwell.........	Bothwell.........	289.33	905	201	101	......	15	1,222
Brampton........	Brampton........	358.70	1,161	607	96	123	12	1,999
Brantford........	Brantford........	505.77	2,104	857	159	13	11	3,144
Burlington........	Burlington........	100.37	505	1,188	78	33	28	1,832
Cayuga..........	Cayuga..........	352.19	1,174	580	167	304	18	2,243
Chatham.........	Chatham.........	255.25	1,082	774	113	......	16	1,985
Clinton..........	Clinton..........	380.91	1,125	548	153	246	3	2,075
Delaware.........	Delaware.........	415.48	1,409	404	152	......	5	1,970
Dorchester.......	Dorchester.......	179.06	732	276	78	3	11	1,100
Dundas..........	Dundas..........	292.35	1,192	794	119	......	7	2,112
Elmira...........	Elmira...........	303.97	779	633	110	15	16	1,553
Essex............	Essex............	254.42	1,209	538	85	337	8	2,177
Exeter...........	Exeter...........	176.98	606	333	89	517	7	1,552
Forest...........	Forest...........	256.02	863	96	51	281	7	1,298
Guelph...........	Guelph...........	368.58	1,118	728	120	94	11	2,071
Harrow..........	Harrow..........	210.07	1,016	415	68	888	4	2,391
Ingersoll..........	Ingersoll..........	274.97	893	237	55	1	4	1,190
Kingsville........	Kingsville........	214.66	1,378	483	97	871	8	2,837
Kitchener........	Kitchener........	441.93	1,450	1,886	199	148	39	3,722
Listowel.........	Listowel.........	373.89	1,212	425	126	1	5	1,769
London..........	London..........	259.76	951	2,650	160	4	12	3,777
Lucan............	Lucan............	215.63	621	86	64	......	......	771
Markham........	Markham........	324.30	1,277	1,898	157	739	21	4,092
Merlin...........	Merlin...........	313.04	1,171	260	109	130	8	1,678
Mitchell..........	Mitchell..........	423.76	1,477	474	140	......	10	2,101
St. Catharines.....	Niagara..........	224.15	1,323	1,811	149	149	22	3,454
Norwich..........	Norwich..........	187.79	841	185	50	......	7	1,083
Oil Springs.......	Oil Springs.......	226.84	714	140	84	1	4	943
Richmond Hill....	Richmond Hill....	249.53	888	2,016	158	273	27	3,362
Ridgetown.......	Ridgetown.......	151.36	518	181	44	361	3	1,107
St. Thomas.......	St. Thomas.......	261.02	986	916	118	7	4	2,031
Stoney Creek.....	Saltfleet..........	355.92	1,274	3,074	221	275	34	4,878
Sarnia...........	Sarnia...........	250.27	872	1,707	134	616	7	3,336
Simcoe...........	Simcoe...........	646.07	2,506	1,159	232	619	9	4,525
Stratford.........	Stratford.........	266.39	972	342	88	......	4	1,406
Sutton...........	Sutton...........	220.63	495	696	89	1,452	13	2,745
Tillsonburg.......	Tillsonburg.......	228.70	939	473	95	1	13	1,521
Wallaceburg......	Wallaceburg......	329.19	1,190	431	125	89	8	1,843
Welland..........	Welland..........	437.66	1,526	3,237	253	825	46	5,887
West Lorne......	West Lorne......	170.58	479	123	45	12	1	660
Windsor..........	Windsor..........	187.00	694	3,935	201	......	20	4,850
Woodbridge......	Woodbridge.... .	324.51	987	1,046	149	104	24	2,310
Woodstock.......	Woodstock.......	208.67	795	406	89	2	6	1,298
Total Niagara	division...........	13,170.24	48,796	40,828	5,507	9,877	563	105,571

RURAL OPERATING AREAS

MILES OF LINE, NUMBER OF CONSUMERS—OCTOBER 31, 1946

Southern Ontario System—Georgian Bay Division

Control office location	Rural operating area	Miles of line	Number of consumers					
			Farm	Hamlet	Commercial	Summer	Power	Total
Bala	Bala	121.10	50	225	41	540	1	857
Barrie	Barrie	492.97	1,390	1,042	194	1,893	3	4,522
Bracebridge	Bracebridge	260.25	374	390	78	934	4	1,780
Cannington	Cannington	188.17	371	250	70	660	2	1,353
Orillia	Hawkestone	218.39	346	443	70	926	8	1,793
Huntsville	Huntsville	147.61	143	573	108	299	6	1,129
Penetang	Midland	240.50	528	324	61	1,293	......	2,206
Orangeville	Orangeville	233.03	608	581	147	103	6	1,445
Owen Sound	Owen Sound	476.65	1,064	860	211	548	3	2,686
Shelburne	Shelburne	204.19	484	231	51	7	......	773
Stayner	Stayner	213.41	562	360	76	1,756	2	2,756
Uxbridge	Uxbridge	304.77	753	634	122	467	3	1,979
Walkerton	Walkerton	405.44	1,134	458	161	151	2	1,906
Wingham	Wingham	352.44	943	428	145	176	3	1,695
Total Georgian	Bay division	3,858.92	8,750	6,799	1,535	9,753	43	26,880

Southern Ontario System—Eastern Ontario Division

Control office location	Rural operating area	Miles of line	Number of consumers					
			Farm	Hamlet	Commercial	Summer	Power	Total
Arnprior	Arnprior	102.43	230	534	118	72	11	965
	Renfrew	136.83	264	524	103	47	6	944
Belleville	Belleville	177.49	583	849	99	13	6	1,550
Bowmanville	Bowmanville	179.53	465	342	52	29	3	891
Brockville	Brockville	366.00	1,077	871	237	278	7	2,470
Carleton Place	Carleton Place	90.36	195	57	29	32	1	314
Cobourg	Cobourg	345.93	877	643	140	322	2	1,984
Delta	Delta	340.02	831	551	167	282	5	1,836
Fenelon Falls	Fenelon Falls	268.88	481	246	86	913	4	1,730
Frankford	Frankford	280.38	826	517	98	84	4	1,529
	Brighton	61.88	193	80	18	1	1	293
Kingston	Kingston	357.81	985	1,004	240	282	8	2,519
Lancaster	Martintown	502.75	1,387	1,000	233	79	2	2,701
Millbrook	Millbrook	85.92	225	150	32	4	......	411
Minden	Minden	112.54	134	490	102	274	1	1,001
Napanee	Napanee	333.83	1,038	604	163	87	6	1,898
Norwood	Norwood	74.56	201	115	18	133	3	470
Oshawa	Oshawa	256.35	774	2,774	178	257	11	3,994
Ottawa	Ottawa	377.25	1,265	1,100	249	92	25	2,731
Peterborough	Peterborough	160.46	408	589	69	267	6	1,339
	Lakefield	130.88	164	214	51	296	2	727
Picton	Picton	332.10	1,162	547	132	210	3	2,054
Tweed	Tweed	206.60	412	317	77	138	1	945
Winchester	Winchester	517.80	1,849	750	239	17	6	2,861
Total Eastern	Ontario division	5,798.58	16,026	14,868	2,930	4,209	124	38,157

RURAL OPERATING AREAS

MILES OF LINE, NUMBER OF CONSUMERS—OCTOBER 31, 1946

Control office location	Rural operating area	Miles of line	Number of consumers					
			Farm	Ham-let	Com-mercial	Sum-mer	Power	Total
Thunder Bay System								
Port Arthur......	Thunder Bay.....	312.30	675	754	84	199	12	1,724
Northern Ontario Properties								
Matheson........	Connaught.......	89.00	176	185	38	8	3	410
Kagawong........	Manitoulin.......	167.36	251	640	207	91	7	1,196
North Bay........	North Bay.......	108.16	200	691	62	328	6	1,287
Fort Frances.....	*Rainy River......	61.50	95	121	34	......	2	252
Sudbury..........	Sudbury..........	96.52	250	1,646	82	145	5	2,128
Total Northern Ontario Properties.		522.54	972	3,283	423	572	23	5,273

* All lines under construction—no service given during 1946.

SUMMARY

System	Miles of line	Number of consumers					
		Farm	Ham-let	Com-mercial	Sum-mer	Power	Total
Southern Ontario							
Niagara division..................	13,170.24	48,796	40,828	5,507	9,877	563	105,571
Georgian Bay division.............	3,858.92	8,750	6,799	1,535	9,753	43	26,880
Eastern Ontario division..........	5,798.58	16,026	14,868	2,930	4,209	124	38,157
Southern Ontario totals..............	22,827.74	73,572	62,495	9,972	23,839	730	170,608
Thunder Bay........................	312.30	675	754	84	199	12	1,724
Northern Ontario Properties..........	522.54	972	3,283	423	572	23	5,273
Total all systems...............*	23,662.58	75,219	66,532	10,479	24,610	765	177,605

* These totals include 904.78 miles of primary line under construction on October 31, 1946, and service to 4,243 new consumers which was not completed at the end of the fiscal year.

SECTION V

PROMOTIONAL AND PUBLICITY SERVICES

DURING the first full year following the conclusion of the war, the promotional and publicity services of the Commission were affected by the prevailing shortages of material and the corresponding shortage of power supply. Consequently these activities were carried out with such conditions in mind.

Advertising and Publicity

An active programme of advertising and publicity of the informative and educational type was produced. Advertisements were designed and published in approximately 235 papers, giving a total of rather more than 5,000 messages to the public. These advertisements were designed to give information on matters of public interest and to encourage the careful use of electricity to obtain the best results from the available supplies.

Pamphlets and folders giving information for consumers were produced, and distributed through the municipal Hydro commissions. The publication of "Hydro News" was continued, and its mailing list enlarged.

Motion Pictures

A new picture entitled "Niagara the Powerful" was completed. It is of an educational character and deals with power developments at Niagara Falls. All of the Commission's motion pictures were given wide distribution during the year, being shown to approximately 750 audiences, or about 85,000 people.

Rural Activities

Portable educational displays illustrating proper wiring for the average Ontario farm were prepared and used generously at fall fairs and plowing matches. They enabled the Commission to explain to rural consumers the advantages of adequate wiring for full economic use of Hydro service.

Industrial Services

Technical assistance and engineering services were given through the municipal systems to their industrial consumers. Thirty-five plant surveys were made covering such phases of power application as efficient distribution.

HEPCO FARMS
ELECTRIFIED

ADEQUATE WIRING
Portable rural display illustrating proper wiring for Ontario farms

proper motor loading and power factor improvement. Much technical assistance was given to municipal Hydro systems concerning the application and use of electricity in industrial plants. Co-operation was maintained with the Ontario Department of Planning and Development and with industrial commissions of various municipalities in order to aid and encourage industries desiring to establish plants in Ontario. Close contact was maintained with electrical maintenance and service clubs, and illustrated semi-technical talks on efficient power application were provided for such organizations.

Lighting Service

Lighting plans were provided for both commercial and industrial consumers, but a large proportion of this work was devoted to school lighting. Recommended plans were supplied to approximately 400 schools throughout the Province. In addition, a research installation was made in one of the Toronto area schools in order to provide information linking adequate lighting in the school with the welfare, health and development of the pupil. It is expected that data of substantial value will be obtained.

Electric Service League

At the request of the municipal Hydro systems, arrangements were completed for the development of an "adequate wiring" programme to cover the greater part of Ontario. In order to do this effectively, the Electric Service League of Ontario, comprising in its membership the Commission and the associated municipal systems, together with electrical manufacturers, distributors, contractors and dealers, was formed in 1946. As a result, all arrangements have been completed for the necessary training schools, and literature, advertising, training school material and similar equipment have been provided. It is expected that this programme will be launched in detail during 1947 and will first cover the areas served by the Southern Ontario system.

Lamps and Merchandising

The Research Water Heating Committee presented its final report in 1946. This was approved by the Commission and arrangements were completed for the manufacture of approximately 5,000 of the improved new type flat-rate water heaters to be available in 1947 for the use of municipal systems.

Merchandising operations in connection with the Northern Ontario Properties were improved by a somewhat increased supply of appliances and equipment. Lamp sales to Hydro municipalities showed a substantial increase, and the discount schedule to all municipalities was reviewed and inequalities eliminated. In addition facilities for the supply of Hydro lamps were extended to the rural districts.

Other Activities

Priority and war equipment problems disappeared with the dropping of government restrictions, but sales tax regulations affecting certain types of equipment still required attention. Negotiations with Ottawa resulted in the elimination of the 8 per cent sales tax on certain equipment for the generation and production of electric power, with a consequent saving to all utility systems. Problems relating to standardization of frequency in the Southern Ontario system, particularly in the field of consumer equipment changeover received attention.

SECTION VI

HYDRAULIC ENGINEERING AND CONSTRUCTION

CONSTRUCTION of new power developments and rehabilitation of structures in existing plants, deferred until after the end of the war, were commenced at many places during the current year. The volume of work under way is immensely greater than for some years past and extends to all parts of the Province.

Four major developments were under construction: at DeCew Falls; at Stewartville near Arnprior; on the Aguasabon river; and at Des Joachims on the Ottawa river. In addition to these, a fourth unit is being installed in the Ear Falls plant on the English river. The total capacity of the developments in progress is 575,000 horsepower, and there are indications that construction at other sites must commence in the near future.

Reference is made hereunder to various developments at which deferred work has been undertaken and of new sites at which investigations and preliminary designs have advanced.

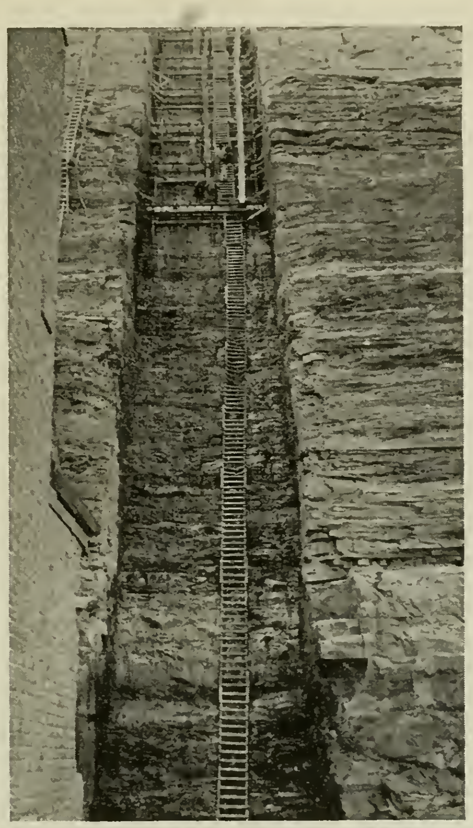
SOUTHERN ONTARIO SYSTEM

DeCew Falls Development

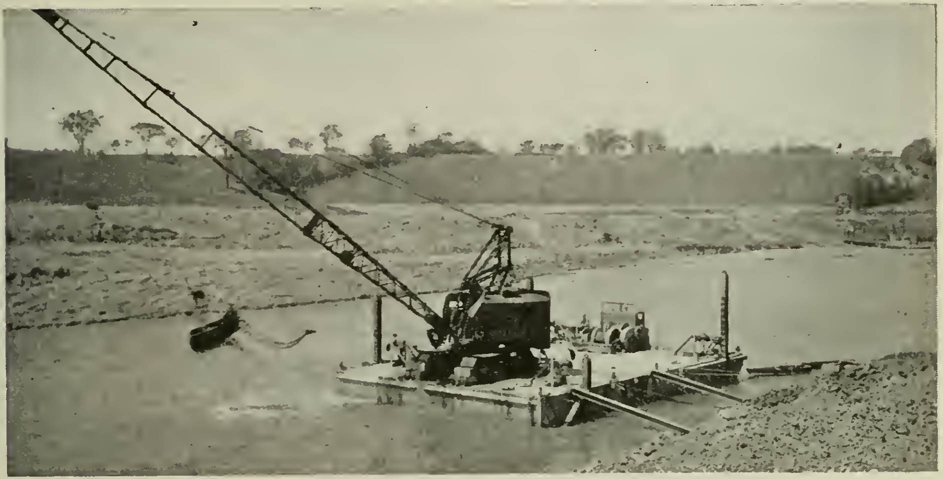
The reference to this development in the last Annual Report outlined very briefly the revisions in the general scheme that are being made along with the installation of the second unit. These revisions were contemplated for the most part when the first unit was installed, and consist of the enlargement of facilities that will be necessary when the second unit comes into service.

The plant has been referred to, at times, as a peak load plant. This necessitates the storage of water during periods of low load demand at night and over the week-end. The storage facilities in the reservoirs known as lake Gibson and lake Moody are being extended by increasing the range of level by about four feet to elevation 560.

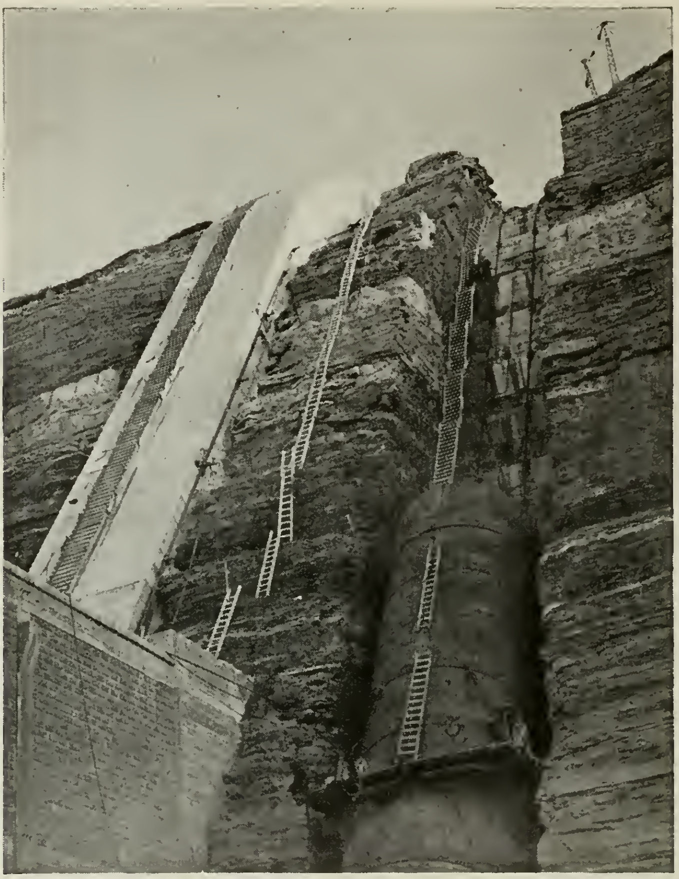
When the first unit was installed an intake structure to handle all water supply for the development was built. The original intake at Allanburg, built over forty years ago, is being taken out of service completely and replaced by an earth dam, which will form part of the bank of the Welland



DECEW FALLS DEVELOPMENT
Trench excavated in cliff for reception of penstock No. 2



DECEW FALLS DEVELOPMENT ·
Excavation in Twelve Mile creek near powerhouse



DECEW FALLS DEVELOPMENT
Installation of 16-foot steel penstock in prepared trench

Ship canal. Another small intake known as the Government weir, also at Allanburg, is being strengthened and improved. The water supply for the City of St. Catharines will continue to be drawn through this structure.

In the reservoir area, certain road diversions are necessitated by the higher reservoir levels and four new highway bridges must be built. In addition a diversion of the Niagara-St. Catharines & Toronto Railway and the construction of a bridge carrying it is required. The reservoir canal is also being widened and deepened to cope with the increase in flow demanded by the enlarged plant.

The structure of the power house extension is quite similar in design to that of Unit No. 1, as also are the penstocks and turbine. No further description of these is required therefore than that given in an earlier report.

A gain in head of about 12 feet is being secured by deepening and widening Twelve Mile creek, which forms the tailrace of the plant as far as St. Catharines. This involves the construction of a loose rock weir between the 25-cycle and 66-cycle plants in order to maintain the present tailwater

STEWARTVILLE DEVELOPMENT—MADAWASKA RIVER
Looking up stream towards site of dam and powerhouse

STEWARTVILLE DEVELOPMENT—MADAWASKA RIVER
Portal of tunnel diverting river flow during construction of dam

levels at the latter. Certain improvements are being made in the channel of the Second Welland canal from place to place, as far downstream as Port Dalhousie to convey the increased flow in these channels. Another item of magnitude in connection with the tailrace channels is the reconstruction of the main-line bridge of the Canadian National Railways over Twelve Mile creek to enable an enlargement of the channel to be made at that point.

At the end of the fiscal year the canal, road diversions and bridges in the reservoir area were approaching completion; penstock erection was about half completed; turbine erection was proceeding; excavation was proceeding satisfactorily in Twelve Mile creek; and the work on the Canadian National Railway crossing was progressing. The plant is scheduled to come into service in September, 1947.

Niagara River Remedial Weir

The work on the Niagara river remedial weir was completed in 1945, but it was considered that the cableway used in its construction should be left in place until a full year's observation of the behavior of the weir had been made. Observations of water levels in the river upstream from the weir and their analysis having indicated that the amount of increase in water level secured was substantially that which the weir was designed to give, the decision was reached to remove the cableway and other equipment. Work of drawing the cables proceeded in the fall months after some preliminary work was completed on the United States side of the river to give access to the tail tower of the cableway. Thereafter the head tower of the cableway was dismantled and, with the cables and operating equipment, removed to storage. This work was approaching completion at the end of the fiscal year. Roads and park lands will be rehabilitated in the early months of 1947.

Niagara River Power Plants

At the Queenston power plant some work was carried out at the river level to protect the railway embankment, and concrete protective work on the cliff was commenced north of the power house at elevation 297.

A new lock gate was designed for the navigation entrance in the Queenston intake structure. The original gate was of timber construction and had deteriorated to such an extent that it had to be replaced; the new one will be a steel gate. In the meantime, until material can be secured for the steel gate, scows supporting a timber curtain wall have been moored in the entrance to prevent ice entering the canal.

Inspections were made of the Ontario Power Conduit No. 1, and of parts of the Toronto Power plant and minor repairs carried out at the latter.

Long Lake and Ogoki Diversions

A series of measurements of discharge were made below the control dam on the Long lake diversion project and new rating tables developed. A control weir, to be built below the rating section, was designed. Further rating measurements were also made at the Ogoki diversion project.

STEWARTVILLE DEVELOPMENT—MADAWASKA RIVER
Looking downstream toward lower cofferdam, dam foundation on left, excavation for dam in centre. November, 1946

Georgian Bay Division

Further studies were made of the Go Home, Sandy Falls and Flat Rock sites on the Muskoka river, and drawings completed showing the proposed layouts. Repairs were made to the dam at the South Falls development, and inspections were made of the turbine equipment at the South Falls, Hanna Chute, Tretheway Falls and Big Eddy developments.

At the site of the old Southampton plant, the residue of the main dam and cribwork was removed from the stream, and used as fill to protect the right bank of the river; the plant buildings, of concrete construction, were razed, and the site graded and left in a neat condition.

Stewartville Development

In eastern Ontario construction work at the Stewartville development was in progress. The new development is situated approximately eight miles southwest of Arnprior, on the Madawaska river, and will have an installed capacity of 81,000 electrical horsepower, produced under a head of 150 feet. It is expected that the plant will be in operation in the spring of 1948.

The development comprises a concrete dam of gravity type with a maximum height of some 200 feet and 850 feet long, a headworks incorporated in the north end of the dam, and three 14-foot steel penstocks approximately 190 feet long that convey the water to three Francis type turbines in the power house at the base of the dam. A sluiceway provided with two 35-foot sluice gates and two 14-foot sluices will be placed at the south end of the dam and will discharge during the flood period into a highwater channel on the south bank of the river. Concrete training walls will direct the flood waters to the exit channel of the diversion tunnel, in which baffle piers will absorb much of the energy of the water before it re-enters the tailrace channel and river.

To de-water the power site the river has been diverted through a tunnel 30 feet in diameter and 500 feet long, excavated under the site of the sluiceway section. The downstream cofferdam was completed and the upstream cofferdam was being raised to cope with the spring floods. The tunnel will be closed later by steel gates at the entrance portal and for final closure a concrete plug will be poured downstream from the control structure.

At the end of the fiscal year, approximately 80 per cent of the earth excavation for the main dam and power house was completed; the rock excavation for the main dam section was about 40 per cent completed; the rock excavation for the power house substructure was under way; and the installation of the concrete mixing plant and the stationary section of the concrete conveyor system for the main dam was nearing completion.

Des Joachims Development

Preliminary work prior to active construction was progressing at the Des Joachims power site on the Ottawa river at the end of the fiscal year. The development will have an initial installation of 360,000 horsepower in six units, with provision for two additional units, the turbines being rated at 62,000 horsepower under a head of 130 feet. Power from two units is expected to be available early in 1950.

The main dam, of the gravity type, will be built at the head of the Rapides des Joachims, it will be approximately 2,500 feet long with a maximum height of about 150 feet. From the headworks incorporated in the dam, 22-foot diameter penstocks will convey the water to the units in the power house at the base of the dam. The tailrace, to be excavated through the Rapides des Joachims, will be approximately 7,000 feet long, 150 feet wide and about 30 feet in depth, and is required to develop the fall in these rapids from the power house site to the Deep River section of the Ottawa river.

An auxiliary dam, of the gravity type, adjacent to and north of the main dam, will be approximately 1,300 feet long, with a maximum height of about 45 feet.

About a mile and a half to the north of the Ottawa river upstream from the main dam is a small valley parallel to the main stream containing a lake known as McConnell lake. This small waterway will be used as a flood discharge channel; it will require a control dam at its western end, where the raised level of the water above the main dam would otherwise spill over into the valley, and channel enlargement at the eastern end where McConnell lake discharges by a small stream into the Deep River section of the Ottawa river.

The McConnell Lake control dam, also of the gravity type, will be approximately 1,600 feet long, with a maximum height of about 105 feet. It will incorporate forty 16-foot stop-log sluices and six 40-foot sluiceways provided with steel gates.

STEWARTVILLE DEVELOPMENT—MADAWASKA RIVER
Commencement of dam construction, showing form work and concrete plant

The raising of the water level of the Ottawa river to elevation 500 will make it necessary to clear about 11,000 acres of land between the site and the village of Mattawa, a distance of 57 miles upstream, and to relocate or raise 22.5 miles of railway trackage and 12 miles of provincial highway. Major items of construction include estimated quantities of 2,600,000 cubic yards of material to be excavated, of which 90 per cent is rock, and 800,000 cubic yards of concrete.

Barrett Chute Development

The turbine runner of Unit No. 1 at the Barrett Chute plant was replaced by a new runner of improved design, supplied by the turbine builder. Tests conducted in September, 1946, showed a 7 per cent increase in capacity and a slightly higher efficiency than the original runner.

THUNDER BAY SYSTEM

Aguasabon Power Development

Increasing demands for power in the areas served by the Thunder Bay system, make it necessary to provide new generating facilities. The most recent project now under construction is the Aguasabon development on the shore of Terrace bay near Schreiber and about 70 miles east of the Nipigon river. The waters from the Long lake diversion project flow to lake Superior by way of the Aguasabon river, which falls steeply in the latter part of its course before reaching the lake. The natural run-off of the river when controlled by storage and augmented by the larger supply from Long lake will give a dependable flow of 1,100 cubic feet per second.

Besides the existing Kenogami and Long Lake control dams, there will be the main dam, a concrete structure near the mouth of the Aguasabon river and, about midway between the main dam and Long lake, a concrete control dam to develop storage on Lower lake. By means of the main dam, the headwater level will be raised to elevation 900, and slackwater will extend thence almost to the intermediate control dam. The head pond will flood an area extending westerly a distance of two miles from the dam, the southerly limit of the basin thus formed being a natural ridge along the northerly side of Terrace Bay on Lake Superior. The intake for the power plant will be located in this part of the headpond and from the intake a tunnel will be driven through the ridge to the power house site on the shore of Terrace bay.

The intermediate storage dam, to be called Aguasabon lake control dam, will regulate storage through a range of 40 feet between elevations 940 and 980. At the latter elevation the water surface will extend upstream to the Long lake control dam.

The tunnel leading to the power house will be 15 feet in diameter, concrete-lined and 3,400 feet long. From the lower portal a steel penstock of the same diameter will extend about 100 feet to a "Y" section with branches leading to the two turbines in the power house. The turbines are rated at 27,500 horsepower each, under a head of 290 feet, and will run at 257 revolutions per minute. The tailwater will be at lake Superior level, approximately elevation 601.

A surge tank will be built 480 feet upstream from the power house, will be 250 feet high and will be connected to the tunnel through a vertical shaft in rock 100 feet in height.

A pulp and paper mill and town site are being built on the shore of the new head pond by the Long Lac Pulp and Paper Company.

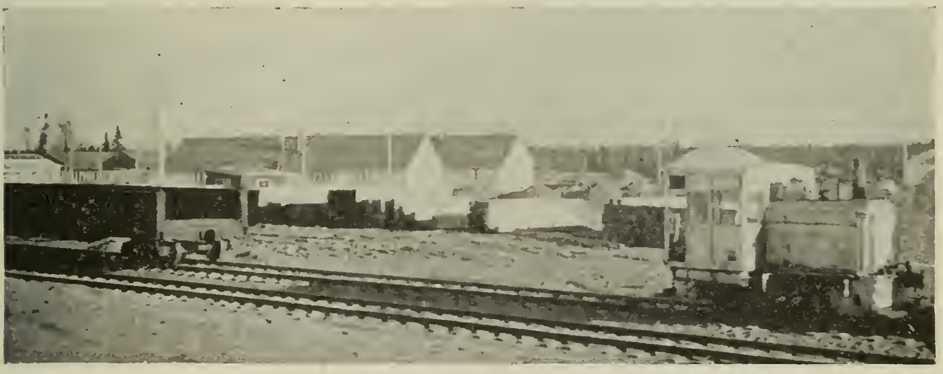
The development will form a part of the Commission's power supplies for the Thunder Bay system and will be connected to the existing network by a transmission line some 70 miles in length.

At the end of the fiscal year camps had been built, roads to the power house site and the Aguasabon lake control dam were under construction, and excavation was progressing at the intake site.

DES JOACHIMS DEVELOPMENT—OTTAWA RIVER

Records of water levels are an essential part of preliminary data. Water level gauges of this type were installed at many points along the river

At Pine Portage on the Nipigon river, surveys and investigations of foundations at the damsite were proceeding. Further investigations of the Dog lake site on the Kaministiquia river were made and the power possibilities of the Pigeon river were studied.



AGUASABON DEVELOPMENT—THUNDER BAY DISTRICT

Construction camp on the shores of Terrace bay near mouth of Aguasabon river

NORTHERN ONTARIO PROPERTIES

Abitibi District

A road between the highway near Connaught and the Frederick House dam was completed. The highway along the south shore was raised, and a number of property settlements negotiated in connection with the regulation of Frederick House lake to a higher level for storage purposes.

Preliminary estimates were made of the cost of developments at various sites on the Abitibi, Mattagami and Groundhog rivers.

Sudbury and Nipissing Districts

Detailed investigations of the power sites on the Mississagi river continued. This river, flowing into lake Huron about 100 miles west of Sudbury, possesses great advantages as a source of energy to meet the growing needs of the power market in the Sudbury district and, by interconnection, the whole area served by the Timiskaming and Abitibi district also. The river has a well sustained flow, good storage possibilities, and a steep gradient. Four power sites have been studied, both in field and office, and the one known as the Tunnel site is indicated as that most advantageous for the initial development. Here a head of 215 feet is available, at which present proposals provide for the installation of units to develop 56,000 horsepower. The studies of this and other sites are proceeding.

At Crystal Falls on the Sturgeon river, a sluiceway floor and stop-log sill were rebuilt of concrete in the north channel dam, where erosion had undermined the old sill.

Timiskaming District

At Hound Chute a training crib of rock-filled timber construction was rebuilt from low water level up, to provide protection from erosion for the shore at the right bank of the spillway dam.

At Indian Chute, concrete gravity sections were built to strengthen the slab construction of the dam at the wood-stave pipe intake bays. Eroded portions of the piers were repaired, and the pipe saddles renewed where necessary.

The intake of tbe Matabitchuan power house was de-watered and the interior wall treated with water-proofing material to reduce leakage. A concrete blanket was added to the face of portions of the wing dams. An undertaking was made with the Department of Highways to share the cost of improving the road to the plant, including the reconstruction of a timber bridge over the Montreal river.

Patricia District

Work commenced in September on the installation of the fourth and last unit in the Ear Falls plant at the outlet of lac Seul on the English river. Restoration of mining operations, curtailed during the war at many points in the district, along with new projects requiring power, indicate that the power demand may soon exceed the present capacity of the power sources. The fourth unit is similar to Unit No. 3 and will have a capacity of 7,500 horsepower, making the total installed capacity of the plant 25,000 horsepower. At the end of the fiscal year a contract had been executed for the turbine and governor, detailed design was proceeding, and construction material and equipment were being delivered to the site by water transportation.

Work on the replacement of Unit No. 1 in the Rat Rapids plant on the Albany river, destroyed by fire some years ago, was undertaken in the latter part of the year. The unit will be restored to service in November.

EAR FALLS DEVELOPMENT—ENGLISH RIVER
A new unit, No. 4, is being installed at the right of the present powerhouse shown above

Hydraulic Investigations

As in the previous year, activities in the field were widespread and numerous and extended to various potential sources of power supply, particularly in the eastern and northern parts of the Province.

Routine collection of hydrometric data was extended by the establishment of twenty new snow survey stations.

Inspections of structures were made at numerous power plants and storage dams throughout the Province and reports prepared regarding their condition.

SECTION VII

ELECTRICAL ENGINEERING AND CONSTRUCTION

FOLLOWING the cessation of hostilities in 1945 an unexpected demand developed for additional power. Prospective loads indicate a high rate of growth for some time to come. This increased power demand follows a period when the Commission's systems were stressed to carry the war load, and when normal operating reserves could not be adequately maintained. The new generating and frequency-changer stations, and the related transmitting, transforming and distributing capacity, authorized by the Commission to give relief, have resulted in an unprecedented volume of work in design and construction, reflected not only in the Commission's organization, but also in the organizations of manufacturers furnishing the necessary materials and apparatus.

Partly because of unavailability of additional staff for the volume of work in hand, but mainly because of the time required to obtain deliveries of equipment and material, abnormally long periods have been required to get new projects into service. Many revisions in construction time schedules have been necessary, and the in-service dates of some of the projects scheduled in last year's report for completion in 1946 have had to be deferred until 1947.

Planning

Very extensive studies were made in connection with a report on the standardization of frequency at 60 cycles for the Southern Ontario system and on the effect such conversion would have on system plans. Work was continued on the projection of system plans into the future, and the provision and integration of a network to absorb a large block of new generation.

Many studies were made to obtain the best use of existing facilities, and to develop the most practical methods of providing relief as quickly as possible. As a result of these studies various new projects were authorized. For example, authorization was granted for the construction of a 230,000-volt transmission line, to be initially operated at 115,000-volts, from the Niagara Falls area to the vicinity of London. A main switching station, with provision for transformers, is planned at each line terminal. The purpose of this line is to relieve excessively overloaded transmission facilities on a portion of the Southern Ontario system, and, at the same time, to provide facilities required in the working out of a flexible and comprehensive long-term plan.

An investigation was made to determine the additional facilities required to improve voltage conditions on the Eastern Ontario and Georgian Bay divisions of the Southern Ontario system. Used synchronous equipment immediately available is being purchased to provide some measure of relief.

The Commission's network calculator has been in constant use in connection with the foregoing and other studies. The extension ordered in 1945 for the calculator is much needed, but delivery has been unavoidably delayed until 1947.

To provide data for analysis of the respective systems, automatic oscillographs were installed at Chats Falls and will shortly be installed at Cameron Falls generating station for the Thunder Bay system and at Abitibi Canyon generating station for the Northern Ontario Properties.

New Generating Capacity

New generating stations were authorized at Des Joachims on the Ottawa river and at Terrace bay at the mouth of the Aguasabon river. A third generating unit was authorized at Stewartville, the new generating station on the Madawaska river, and a fourth generating unit at Ear Falls.

Increased Transformer Capacity

Increased loads have necessitated a rapid expansion in distribution facilities.

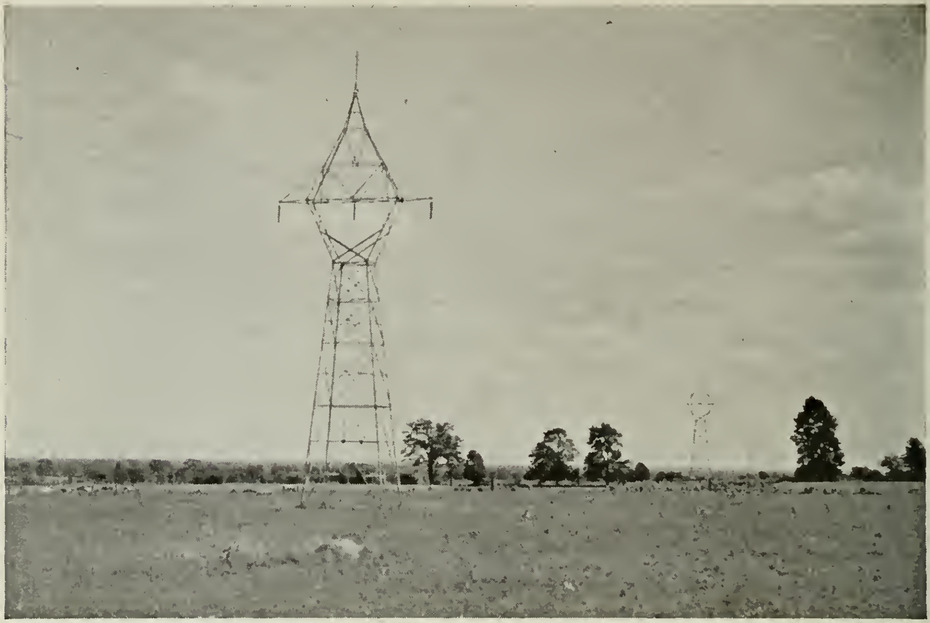
At the end of this section is given a tabulation of the transformer and distributing stations where, to accommodate load conditions, changes in transformer capacity were completed during the year. A number of the stations listed are new.

Many new transformers were placed in service and many existing transformers were transferred through system reserve stores to other stations. A number of old transformers were transferred to salvage stores; these were mostly of indoor type and obsolete design, they had been in service for 30 years or more and could not be economically rehabilitated. A number of these salvaged transformers, however, are being utilized for the supply of power for construction work. Those that failed in service are being scrapped.

In addition to transformer changes actually completed, many new stations are being constructed and additional transformer capacity is being installed in existing stations. For example, in the Southern Ontario system, about 31 new distributing stations are at present either in the design stage or under construction; and distributing stations now being constructed or being altered will, when completed, increase existing distributing station capacity by approximately 35,000 kva.

Acquired Properties

The sub-stations and transmission lines formerly supplying power to Defence Industries, Ltd. plants at Nobel and Ajax, also several low-voltage lines and distributing systems in other localities, have been purchased from War Assets Corporation. Negotiations are proceeding for the purchase of a number of other stations, lines, and distribution systems, built by the Commission for various departments of the Dominion government during the war.



NEW TRANSMISSION LINES
A section of the 42 mile, 110,000-volt transmission line between Chatham and Sarnia

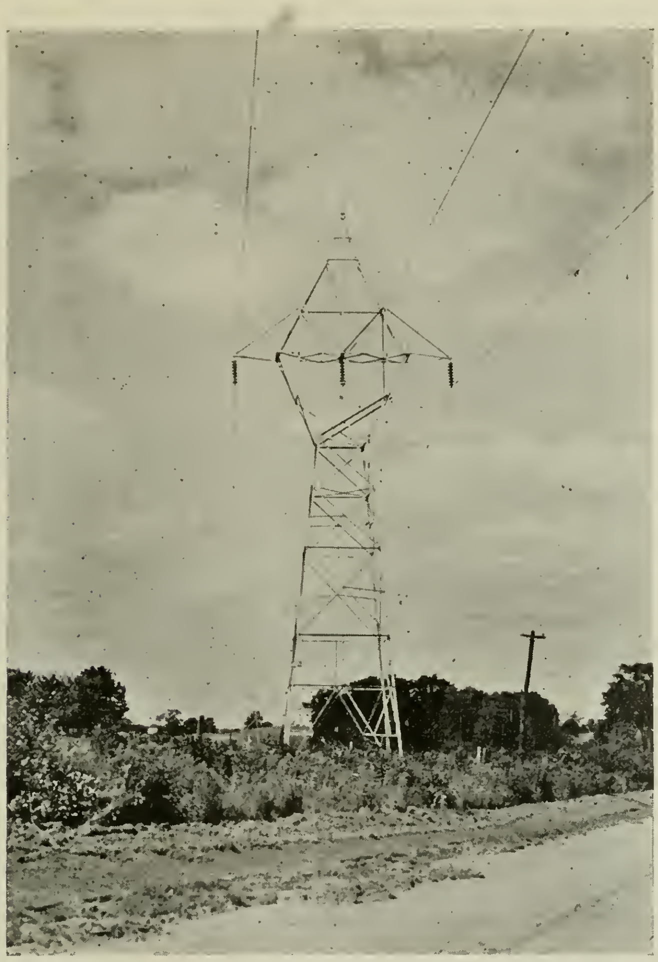
New Transmission Lines

New transmission lines placed in service include 110,000-volt, steel-tower lines from near Ottawa 51.5 miles to Cornwall, from Oshawa 28.75 miles to Scarborough, from Scarborough 50 miles to Barrie, and approximately 83 miles of 12,000-volt to 44,000-volt wood-pole lines, of which 60 miles were built to serve new customers and distributing stations.

Transmission line capacities were increased by restringing 46 miles of circuits with heavier conductor, and by reinsulating 107 miles of circuits for higher voltages. Obsolete circuits totalling 24 miles were removed, in some cases with their supporting structures. Lines purchased from War Assets Corporation or customers totalled 49 miles. Timiskaming district lines totalling 153 miles were rehabilitated.

Lines under construction include 110,000-volt, steel-tower lines from Alexander generating station 60 miles to the Aguasabon development, from Chatham 42 miles to Sarnia, from Barrett Chute generating station 138 miles to Oshawa, and from Cyrville junction 5 miles to Ottawa. The transmission line between Chatham and Sarnia, together with the switching equipment, is practically completed.

Preliminary engineering is progressing for a 230,000-volt line from eastern Ontario to Burlington, together with a 40,000-kva condenser and a fourth 75,000-kva transformer bank at Burlington.



NEW TRANSMISSION LINES
Standard tower on the 110,000-volt Chatham to Sarnia line

Tie Line Control

Based on the extensive studies reported last year, authorization was obtained for an integrated scheme of automatic tie-line load and frequency control of the consolidated Southern Ontario system. This control will be centralized in the Power Supervisor's office in the Administration Building, Toronto.

Rural Extensions and Improvements

The demands for rural distribution lines and services accumulated during the war years when materials and labour were restricted have not been met, and materials are not yet available to satisfy the large carryover of work to be done. A summary at the end of this section shows the miles built and the number of additional consumers served.

Every effort was made to improve service conditions and many changes in the existing plant were made.

Communication Systems

The post-war communications programme is now under way with power line carrier, experimental frequency modulation radio, multiple channel carrier systems, and private automatic exchange switchboards being prepared for use by the Commission. Rehabilitation and revisions of the existing telephone circuits, as well as construction of new cable and open-wire-circuit telephone pole lines, are being continued to provide adequate service for increasing power requirements.

Oil Circuit-Breakers

Progress is being made in the programme of replacing oil circuit-breakers of inadequate rupturing capacity and of using the replaced breakers in other stations.

Staged tests were made on 138,000-volt-class oil circuit-breakers. These tests were similar to those carried out and reported last year, but were on a different design of circuit-breaker.

Metering Equipments

Improvements to existing metering equipments and the installation of new metering equipments are constantly in progress to meet changing conditions. Work in this connection is at present particularly active in the Northern Ontario Properties, where between 50 and 60 metering equipments are in course of change or installation. This activity is due in part to the taking over of the customers of the Northern Ontario Power Company, and in part to new mining customers, and to former mining customers resuming operation.

Engineering Assistance

Engineering assistance was given to a number of municipalities and large power customers, also in connection with the approval under the statute, of electrical installations over 600 volts.

Equipment Deliveries

The material situation is still acute, resulting in slow and retarded equipment deliveries. To overcome this condition orders are being placed as far in advance of actual construction as can be planned.

Miscellaneous

New generating developments and transmission lines, increases in installed capacity, and growth of rural operating areas have created the need in various locations for miscellaneous construction such as housing accommodation for operators and patrolmen, and office, garage, and stores accommodation for rural operating areas. Much consideration has been given to requirements, but, due to material and labour shortages, only a very limited amount of such construction was undertaken.

* * *

Under system headings, further particulars are given of the more important work carried out and authorized during the year.

SOUTHERN ONTARIO SYSTEM

New Generating Capacity

Authorization was given for the construction of a new generating station at Des Joachims, approximately 145 miles west of Ottawa on the Ottawa river, to have an initial installed capacity of 300,000 kva with provision for future extension. The construction of a 20-mile 110,000-volt transmission line extension from Chalk River to the development will shortly be commenced to supply power for construction purposes.

Authorization was given for the installation of a third 24,000-kva generating unit at Stewartville generating station. The authorization of the first two units was reported last year. This generating station will supply power to the Eastern Ontario division over a 110,000-volt transmission line through Barrett Chute to Oshawa transformer station. Facilities are also being provided for the interchange of power with the Madawaska district through a 5,000-kva transformer. Major equipment now being manufactured includes three 24,000-kva, 85 per cent power factor, 163.6 rpm, 13,200-volt generators; three 27,000-kva, 13200/110,000 volt, 3-phase transformers, together with their associated 13,200-volt metal-clad switchgear; and one 5,000-kva, 44,000/13,200-volt, 3-phase transformer (for initial operation at 33,000-volts at reduced capacity), together with its associated switching equipment. Switching equipment is also on order to provide for the extension of the existing 110,000-volt switchyard at Barrett Chute generating station to control the new lines to Stewartville and Oshawa.

Work in connection with the installation of the second 64,000-kva generating unit at DeCew Falls generating station is progressing. The second unit requires the addition at this station of high-voltage switching for two units and two lines. This equipment was purchased during the year.

New Frequency-Changer Station

Progress was made in connection with the new Scarborough frequency-changer and transformer station and the associated transmission lines, transformation and switching to provide for the exchange of power and energy between the Niagara, Georgian Bay, and Eastern Ontario divisions.

As described in last year's report, the planned tie-in point with the Georgian Bay division was adjoining the existing Fergusonvale auto-transformer station. Due to difficulties in obtaining delivery of sufficient line construction materials by the required date to meet load demands, the location of the Georgian Bay division tie-in station was changed from Fergusonvale to Barrie. This change made it necessary to transfer the two 1,500 kva, 44,000/22,000-volt auto-transformers from Fergusonvale to Barrie. The new 110,000/44,000-volt transformer station at Barrie, the additional 110,000-volt switching at Oshawa, and the new 110,000-volt Oshawa-Scarborough and Scarborough-Barrie transmission lines were placed in service on July 2, 1946.

The designing of Scarborough frequency changer and transformer station is about 75 per cent complete, grading of the site was completed, and foundation excavation commenced. The 44,000-volt voltage-regulating equipment at Oshawa and Barrie will be installed early in 1947. The additional switching at Toronto-Leaside transformer station, the new Scarborough-Leaside tie line, and the first frequency-changer unit at Scarborough frequency-changer station are scheduled to be in service by the summer of 1947. Consideration is being given to the installation of a second frequency-changer unit at Scarborough.

Interchange of power will be facilitated at the end of 1947 by the completion of a 110,000-volt line between Barrett Chute development and Oshawa. This line will be extended to Stewartville when that development is ready to furnish power.

Studies are in progress for a 110,000-volt transmission line from Barrie to Owen Sound and ultimately to Hanover, together with a 110,000/44,000-volt step-down station at Owen Sound.

New Terminal Station and Service Centre

The site of the new terminal station and service centre in Etobicoke township, referred to in last year's report, has been divided into two properties known as Kipling transformer station and Islington service centre.

The initial installation of 110,000-volt switching equipment at Kipling transformer station is progressing and should be ready for service early in 1947. Two 25,000-kva, 110,000/26,400-volt transformers, together with the necessary switching and voltage-regulating equipment, have also been ordered and are expected to be in service by the fall of 1948. This will reinforce the power supply to Islington and the surrounding area.

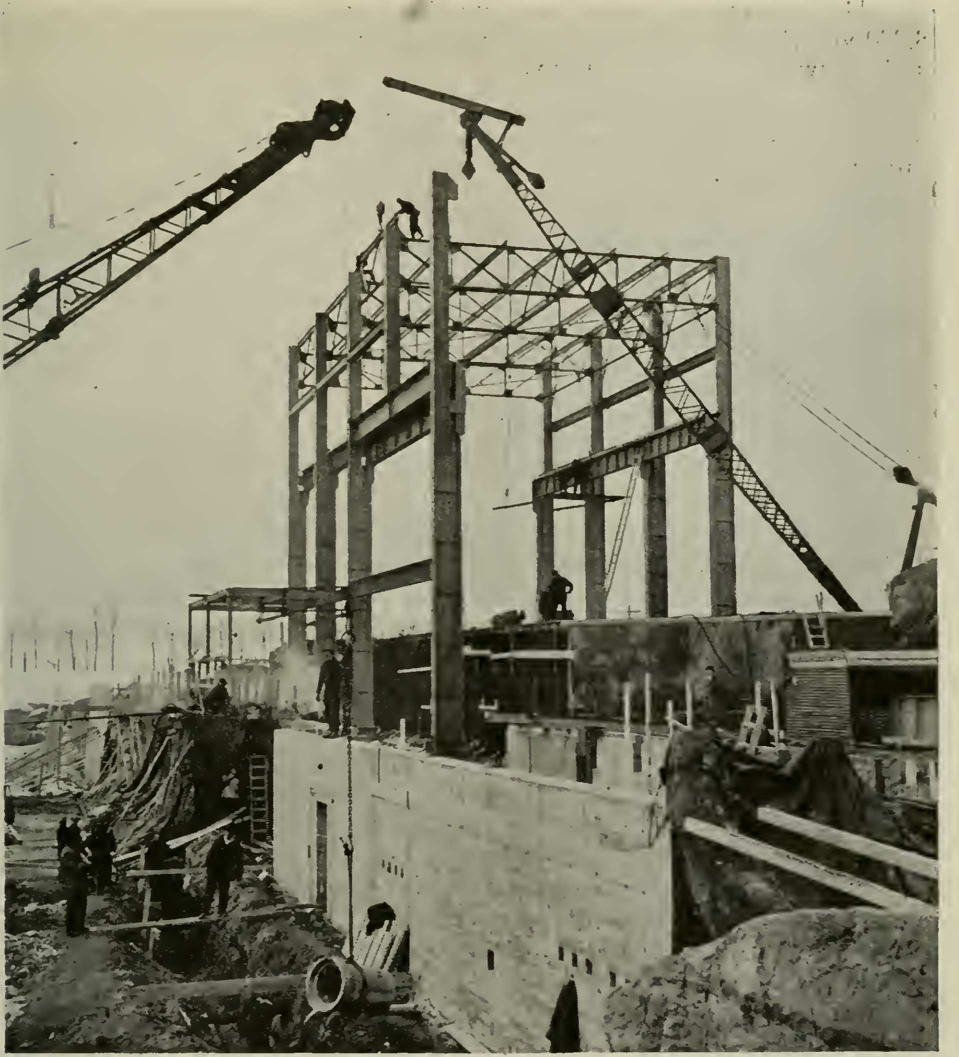
In order to carry the load in this area in the meantime, the capacity at York transformer station is being increased from 30,000 kva to 45,000 kva by using reserve transformers which are available. A 13,000-kva regulating transformer is being installed, to improve voltage to the Georgetown area.

At Islington service centre the rough grading has been completed, railway sidings have been installed, surface and under-drainage is underway, roads and fencing are being constructed, and temporary buildings are being erected for equipment storage.

Other Changes

A new 15,000-kva 110,000/11,000-volt transformer station is being constructed at Cornwall to supply the Canadian Industries Ltd. plant. This new station, and the extensive alterations to the Cornwall transformer and switching stations mentioned in last year's report, are scheduled for completion early in 1947. The 51-mile, 110,000-volt Ottawa-Cornwall transmission line was placed in service on April 15, 1946, but the construction of Merivale switching station, scheduled in the 1945 report for completion in 1946, has been delayed due to priority given to more urgent projects.

Work is progressing on the new 15,000-kva, 110,000/11,000-volt Ottawa-Riverdale transformer station, to provide additional power for the city of Ottawa.



SCARBOROUGH FREQUENCY-CHANGER STATION
An important link in the integration of the Niagara, Georgian Bay and Eastern Ontario divisions of the Southern Ontario system

Equipment was purchased for a new 8,000-kva, 110,000/26,400-volt transformer station at Wallaceburg. This station will be connected to the 110,000-volt transmission circuit between Kent and St. Clair transformer stations, and will supply power to the Wallaceburg area through the existing distributing station, and a new municipal station. Equipment was also purchased for a new station of similar capacity at Kingsville.

The site and transformers were purchased for a new 3,000-kva, 110,000/11,000-volt distributing station near Cobden, to supply power to the Cobden district.

The site and equipment were purchased for a new 1,500-kva, 110,000/8,000-volt distributing station at Russell, to relieve the load on Chesterville and Ottawa distributing stations.

Engineering and purchase of property is progressing for a second 110,000-volt station at Windsor. Studies are being made in connection with a proposed 110,000/13,200-volt additional step-down station at Hamilton, also one at London.

Equipment was purchased for increased capacity at Toronto-Esplanade and Toronto-Wiltshire transformer stations which it is expected will be ready for service in 1948. Two 25,000-kva, 3-phase, transformers and six 6,000-kva, single-phase transformers have been purchased.

A second 500-kva transformer, and additional 4,000-volt feeders, are being added to the 110,000-volt transformer station at Forfar.

The 3,750-kva transformer bank at St. Marys is being replaced with a 7,500-kva bank, and a second 8,000-kva transformer bank is being installed at St. Catharines transformer station.

To improve service and maintenance conditions, 110,000-volt pole structures at Thorold transformer station were replaced by steel structures, and new motor-operated 110,000-volt disconnecting switches were installed.

Installation of the second 15,000-kva transformer bank at Frontenac transformer station (including one 15,000-kva voltage regulator and the necessary switching equipment) previously scheduled for completion in 1946 has been delayed due to non delivery of material.

To augment the supply of power to the Hawkestone rural operating area, a 600-kva, 22,000/8,000-volt distributing station was installed at Bass Lake, together with 13 miles of 44,000/22,000-volt transmission line from Coldwater distributing station.

In order to improve voltage conditions caused by increases in load, a number of used and immediately available synchronous rotating units are being considered for installation forthwith as synchronous condensers. These include a 3,000-kva unit in Peterborough municipal station, a 1,200-kva unit in Auburn generating station, two 1,700-kva units in Owen Sound distributing station, and a 5,000-kva unit at Barrie transformer station. Several step-type voltage regulators have also been purchased for installation in 1947.

An 8,000-kva voltage-regulating transformer is being installed at London transformer station to improve voltage on the feeder to the Exeter and Dashwood districts a 10,000-kva voltage regulating transformer at Stratford transformer station to improve voltage on the Goderich feeder, and a 15,000-kva voltage regulating transformer at Preston transformer station to improve voltage on the Galt and Hespeler feeders.

The stations in the Scarborough area now served at 13,200-volts from Toronto-Leaside transformer station are being altered for 26,400-volt service from the new Scarborough frequency-changer and transformer station. The stations affected include the existing distributing stations at Agincourt, General Engineering, Scarborough No. 1 and No. 2, and West Hill, and the existing Scarborough township municipal station. The new Dunbarton distributing station and the new Scarborough township municipal station will be constructed for 26,400-volt service.

Transformer changes are being made at Fenelon Falls generating station in connection with the raising of the voltage of the Lindsay feeder from 11,000 to 44,000 volts.

Additional 26,400-volt switching is being installed at Willowdale regulator station to accommodate an additional 26,400-volt line from Toronto-Fairbank transformer station. This line will feed Willowdale regulator and distributing stations, and will improve service on north Yonge street.

Switching changes are being made at New Toronto distributing station to accommodate line changes and to improve operation in the New Toronto area.

Switching equipment is being installed at Heely Falls generating station to control a new 44,000-volt line to serve American Nepheline, Ltd.

The improvements outlined in the 1944 report at Niagara transformer station were completed. Additional work is being undertaken covering the replacement of the obsolete 110,000-volt oil circuit-breakers with motor-operated disconnecting switches.

Authorization was given for the modernizing of Brant transformer station, which was originally placed in service in 1914. The work will include the construction of an outdoor 26,400-volt switching structure, with modern oil circuit-breakers and switching equipment, the remodelling of the existing control room and switchboard, and other improvements.

To provide rupturing capacity adequate for the continually increasing interconnected capacity on the system, all of the 110,000-volt oil circuit-breakers on the outgoing lines from Queenston transformer station are being replaced by circuit-breakers of 2,500,000-kva rupturing capacity.

Work is in progress on the installation of remote load and frequency telemetering from Chats Falls, DeCew Falls, Queenston, Ontario Power, and Toronto Power generating stations, also from the Gatineau Power Company's Paugan generating station, to the Power Supervisor's office in Toronto.

The sale of a number of distributing stations was made to municipalities. York Mills, Glencairn, De Havilland, and Bayview distributing stations were purchased by North York Township. Elmira and Fergus distributing stations were purchased by Elmira and Fergus Public Utilities respectively.

There was acquired from War Assets Corporation a 6,000-kva, 44,000/2,400-volt station at Nobel, together with 37 miles of 44,000-volt line from Ragged Rapids generating station; also a 3,000-kva, 44,000/2,400-volt station at Ajax, together with 4.6 miles of 44,000-volt line.

Engineering assistance was furnished to several municipalities, including Belleville, Brantford Township, Chatham, East York, Georgetown, Goderich, Guelph, North York, Owen Sound, Peterborough, St. Marys, Scarborough Township, Stamford, Sudbury, Swansea, Thorold, and Waterloo.

THUNDER BAY SYSTEM

Studies were made to determine the generating, switching, and transmission requirements for the next several years.

Authorization was given for the construction of a 45,000-kva generating station at Terrace bay near the outlet of the Aguasabon river into lake Superior, and approximately 5 miles east of Schreiber. This station will supply the Long Lac Pulp and Paper Company's new mill and townsite, to be named Terrace, on the banks of the lake formed by the main power dam, and will also provide additional power for the Thunder Bay system over a 65-mile 110,000-volt transmission line to Alexander generating station.

The purchase of two 22,500-kva, 90 per cent power factor, 257 rpm, 13,800-volt totally-enclosed water-cooled generators has been completed. Construction of the transmission line from Aguasabon to Alexander is well advanced, and it will shortly be put into temporary service for the supply from Cameron Falls of 44,000-volt power for construction purposes at Aguasabon, also at the Long Lac Pulp and Paper Company's millsite.

At Cameron Falls generating station, the 12,000-volt switching is being rearranged, and additions made, to provide additional protection, service security, and flexibility.

To facilitate delivery of additional power to system load centres at Fort William and Port Arthur, the existing 110,000-volt circuits in the vicinity of Alexander and Cameron Falls are being rearranged, and an additional 110,000-volt transmission line will be constructed. A new 110,000-volt switchyard will be constructed at Alexander generating station to control an infeed from Alexander, the new line from Aguasabon, one line to Long Lac transformer station (fed at present from Cameron Falls), and one line to Port Arthur.

The construction of Port Arthur transformer station No. 2, consisting of one 15,000-kva, 110,000/22,000-volt transformer bank, together with 110,000-volt and 22,000-volt line connections will be completed in 1947.

Studies were made relating to the erection of a 110,000-volt switching station at Fort William.

Engineering assistance was furnished to the Long Lac Pulp & Paper Company in connection with the design of a temporary station to supply power for construction.

Engineering assistance was also supplied to the Fort William Hydro-Electric Commission and the Port Arthur Public Utilities relative to additional station capacities and transmission lines.

NORTHERN ONTARIO PROPERTIES

Abitibi District

In the Timmins-Schumacher area the process of amalgamation of the Abitibi and Timiskaming districts now being carried out will establish

Timmins transformer station as the main power centre. By re-routing circuits and eliminating Schumacher transformer station, power will reach Timmins transformer station at 44,000 volts from Lower Sturgeon generating station, and at 26,400 volts from Sandy Falls generating station, in addition to the present input from Abitibi Canyon generating station at 120,000 volts. After transformation, this power will be supplied to the various mine and urban load centres at 26,400 volts.

The work involves an increase in transformer capacity at Timmins transformer station by the installation of three 9,500-kva transformers from Kirkland Lake transformer station rebuilt for 120,000 26,400-volt operation; the installation of three 2,500-kva 44,000 26,400-volt transformers for receiving power from Lower Sturgeon generating station; and additional 26,400-volt feeders for receiving power from Sandy Falls generating station and supplying power to the existing Timmins distributing station of the Timiskaming district.

Related work in the Timiskaming district includes an outdoor switching station at Hollinger transformer station for the supply of 26,400-volt power to a new Timmins distributing station No. 2; auto-transformer stations at McIntyre mines, Coniaurum mines, and Dome mines; and new distributing stations at Schumacher and South Porcupine.

Work is progressing on these changes, and it is expected that some of the changes will be ready for service by the summer of 1947, and the remainder in 1948.

Equipment for measuring the transfer of power between the Abitibi and Timiskaming districts at Timmins transformer station was placed in service on August 1, 1946.

Transformers will be installed at Wawaitin generating station to permit this station to be connected to the Abitibi Canyon-Copper Cliff 120,000-volt trunk lines.

Among the mining customers added to the system during the year, some were re-commencing operations, and others were new mines requiring, in most cases, extension of the Commission's lines. These latter include Aquarius Porcupine Gold Mines, Porcupine Peninsular Gold Mine, and Gold Hawk Porcupine Mines, involving a six and one-half mile extension of a 26,400-volt feeder from Pamour transformer station. A second feeder was extended about one mile to supply the Porcupine Reef Gold Mines. A 26,400-volt feeder from Ramore transformer station was extended one and a quarter miles to supply the Golden Arrow Mines.

System studies are being made to determine the additional transformation and transmission facilities necessary to meet anticipated load increments in this district.

Engineering studies were made in co-operation with the Falconbridge Nickel Company with respect to additional load requirements.

Timiskaming District

In the Cobalt area, plans are well advanced toward providing additional 60-cycle power resources, the transmission of all generated power at 44,000 volts instead of some at 11,000 volts as at present, and the transmission of surplus 60-cycle power to supplement the resources of the Sudbury-Nipissing districts.

To improve service and operating conditions, arrangements are being made to install synchronizing equipment in the 44,000-volt, 60-cycle lines at Kirkland Lake transformer station.

Sudbury District

Engineering studies are being carried out to determine the additional power resources and station and transmission facilities necessary to meet the anticipated load growth in this area.

To supply a new section of the Sudbury rural operating area, work was begun on the erection of six and one-half miles of 22,000-volt line, and the construction of a 600-kva, 22,000/12,000-volt distributing station at Blezard Valley.

Nipissing District

The 24-mile, 22,000-volt Sturgeon Falls-North Bay tie line was restrung with heavier conductor to permit increased transfer of power.

Manitoulin Rural Power District

Studies were made relative to the valuation and purchase of the Kagawong generating station of the Manitoulin Pulp Company, and for increased power supply.

Patricia District

Authorization was given for the installation of a fourth generating unit at Ear Falls generating station, together with associated transformation and switching facilities. The work includes a second 44,000-volt transmission line from Ear Falls to Howey Junction, and a new line from Howey Junction to the Pipestone Bay area. The work also includes replacement of the building superstructure for No. 1 unit. This portion of the building superstructure was erected in 1929, and is of temporary construction. The 6,000-kva, 90 per cent power factor, 150 rpm, 6,600-volt generator is on order.

At Rat Rapids generating station, No. 1 generating unit is being reinstalled for service. This 2,000-kva unit was damaged by fire in 1941, and was rebuilt in 1942. Due to war conditions, its reinstallation was deferred. The unit will be placed in service, with temporary control equipment, in December 1946. The permanent control equipment is expected to be installed in 1947.

Engineering studies are being made to determine the additional generation and transmission facilities necessary to provide for further load increment in this district.

Rainy River District

The erection of a 300-kva, 60-cycle, 6,600/12,000-volt distributing station was authorized for installation at the Ontario and Minnesota Pulp and Paper Company's Fort Frances transformer station, to supply the Rainy River rural operating area.

CHANGES IN TRANSFORMER CAPACITY DURING YEAR ENDED OCTOBER 31, 1946

Station	Date	Transformers installed				Transformers removed	
		No.	kva	Ph.	Total kva	No.	kva
Southern Ontario system							
Ajax.................D.S.	Sept. 1, 1946	2	1,500	3	3,000		
Alcona Beach.........D.S.	July 12, 1946	3	333	1	1,000		
Allandale ............D.S.	April 25, 1946	3	1,000	1	3,000		
Ancaster.............D.S.	Feb. 15, 1946	1	600	3	600		
Barrie................T.S.	July 2, 1946	2	1,500 (Auto)	3	3,000		
Barrie................T.S.	July 2, 1946	4	5,000	1	20,000		
Bayview.............D.S.	Nov. 1, 1945					1	1,500
Beamsville...........D.S.	Oct. 20, 1946	3	667	1	2,000	3	250
Belle River..........D.S.	Aug. 22, 1946	3	333	1	1,000	3	150
Belleville No. 2.......D.S.	May 12, 1946	3	667	1	2,000	1	750
Blenheim No. 2.......D.S.	April 27, 1946	3	333	1	1,000		
Brewers Mills.........D.S.	July 28, 1946	3	100	1	300		
Calabogie............G.S.	Mar. 31, 1946	2	75	1	150		
Cardinal.............D.S.	Oct. 27, 1946	3	250	1	750	1	300
Carleton Place........D.S.	May 22, 1946	3	100	1	300		
de Havilland..........D.S.	Nov. 1, 1945					1	1,500
Dumfries.............D.S.	Sept. 15, 1946	3	150	1	450	2	75
Dundalk.............D.S.	Sept. 1, 1946	1	600	3	600	3	75
Durham..............D.S.	May 5, 1946	1	600	3	600	3	150
Elmira...............D.S.	Nov. 1, 1945					3	500
Elmvale.............D.S.	July 5, 1946	3	100	1	300	3	75
Essex...............S.C.S.	Jan. 21, 1946	2	21,000	3	42,000		
Eugenia.............G.S.	Sept. 1, 1946	1	3,000 (Auto)	3	3,000		
Falkenburg...........D.S.	June 19, 1946	3	200	1	600	3	100
Fergus..............D.S.	Nov. 1, 1945					3	500
General Engineering...D.S.	Aug. 22, 1946	1	600	3	600		
Glencairn............D.S.	Nov. 1, 1945					1	1,500
Grand Bend..........D.S.	July 7, 1946	3	333	1	1,000		
Green River..........D.S.	May 1, 1946	1	600	3	600	1	300
Haley...............D.S.	May 31, 1946	6	100	1	600		
Hamilton Gage.......T.S.	July 7, 1946	1	25,000	3	25,000		
Hanover...........F.C.S.	Sept. 11, 1946					1	3,000 (Auto)
Kincardine No. 1......D.S.	May 19, 1946					3	75
Kincardine No. 2......D.S.	May 19, 1946	3	100	1	300		
La Salle.............D.S.	Dec. 21, 1945	3	333	1	1,000		
Leamington..........D.S.	Sept. 8, 1946	3	667	3	2,000		
Lyn.................D.S.	Feb. 10, 1946	3	667	1	2,000	3	250
Martintown..........D.S.	April 26, 1946	3	200	1	600	3	100
Maxville............D.S.	Oct. 25, 1946	3	200	1	600	3	75
Meaford No. 2........D.S.	July 16, 1946	3	200	1	600	3	50
Millbrook No. 1.....D.S.	Feb. 22, 1946					1	100
Millbrook No. 2.....D.S.	Feb. 22, 1946	2	100	1	200		
Newburgh.........D.S.	Jan. 31, 1946	1	75	1	75	1	37.5
New Toronto........D.S.	April 29, 1946					1	1,500
Nobel..............D.S.	Sept. 1, 1946	2	3,000	3	6,000		

CHANGES IN TRANSFORMER CAPACITY DURING YEAR ENDED OCTOBER 31, 1946

Station	Date	Transformers Installed				Transformers Removed	
		No.	kva	Ph.	Total kva	No.	kva
SOUTHERN ONTARIO SYSTEM —Continued							
North Ingersoll........D.S.	June 2, 1946	3	667	1	2,000	3	333
Orangeville No. 1......D.S.	Sept. 29, 1946	3	667	1	2,000	3	250
Orangeville No. 2......D.S.	May 8, 1946	3	333	1	1,000		
Pinedale..............D.S.	May 16, 1946	3	250	1	750	3	100
Plattsville...........D.S.	Mar. 22, 1946	1	600	3	600		
Port Dover...........D.S.	June 23, 1946	1	600	3	600	1	300
Port Perry...........D.S.	July 26, 1946	3	200	1	600	3	100
Port Stanley..........D.S.	May 1, 1946	3	667	1	2,000	3	250
Priceville.............D.S.	July 30, 1946	1	300	3	300	1	75
Renfrew..............D.S.	Jan. 6, 1946	3	200	1	600	3	75
Ringwood.........D.S.	April 28, 1946	3	333	1	1,000	3	150
Riverside.........D.S.	Jan. 18, 1946	1	1,500	3	1,500		
Shelburne............D.S.	Sept. 1, 1946	1	600	3	600	3	100
Sidney..............T.S.	Mar. 12, 1946	1	21,000 (Regulat'r.)	3	21,000		
Sidney..............T.S.	Mar. 12, 1946	3	5,000	3	15,000		
Smiths Falls No. 2.....D.S.	Oct. 6, 1946	3	100	1	300		
Stoney Creek.........D.S.	Dec. 17, 1945	1	600	3	600		
Toronto-Fairbank.....T.S.	July 27, 1946	1	25,000	3	25,000		
Trenton.............D.S.	Oct. 31, 1946	3	100	1	300		
Vittoria.............D.S.	Aug. 20, 1946	1	300	3	300	1	150
Walkerville No. 1.....D.S.	Feb. 14, 1946	3	667	1	2,000	3	500
Wallaceburg..........R.S.	Jan. 13, 1946	3	75	1	225	3	50
Walton..............D.S.	July 4, 1946	3	333	1	1,000	3	150
Warkworth.........D.S.	April 28, 1946	1	300	3	300	1	100
West Lorne.......D.S.	Aug. 11, 1946	3	333	1	1,000	3	150
Wilsonville.........D.S.	Dec. 21, 1945	1	600	3	600		
York Mills...........D.S.	Nov. 1, 1945					6	300
THUNDER BAY SYSTEM							
Nipigon.............D.S.	Mar. 3, 1946	2	250	1	500		
NORTHERN ONTARIO PROPERTIES							
Abitibi District							
Ramore No. 1........D.S.	Jan. 20, 1946	2	25	1	50		
Ramore No. 2........D.S.	April 15, 1946	1	75	1	75		
Sudbury District							
Garson..............D.S.	Nov. 24, 1945					3	50
Nipissing District							
Bingham Chute.......G.S.	Nov. 21, 1945	1	250	1	250	1	75
North Bay.........D.S.	Dec. 20, 1945	3	333	1	1,000	3	100
Patricia District							
Red Lake Townsite...D.S.	Dec. 18, 1945	3	200	1	600		

TOTAL MILEAGE OF TRANSMISSION LINES AND CIRCUITS

System and voltage	Kind of structures	Line route or structure miles			Circuit miles
		Total to Oct. 31, 1945	Additions 1946	Total to Oct. 31 1946	Total to Oct. 31 1946
SOUTHERN ONTARIO SYSTEM					
Niagara division					
220,000-volt	steel	1,025.12	....	1,025.12	1,069.97
110,000-volt	"	812.22	....	812.22	1,400.95
110,000-volt	wood	111.98	....	111.98	113.81
90,000-volt‡	steel	65.85	....	65.85	120.81
60,000-volt‡	"	35.23	....	35.23	35.57
60,000-volt	wood	0.25	....	0.25	0.25
26,400-volt	"	884.01	14.55	898.56	1,071.87
13,200-volt	"	252.73	4.45	257.18	324.50
13,200-volt	steel	0.82	....	0.82	1.64
12,000-volt	wood	72.39	0.39	72.78	91.65
Dominion Power district 44,000-volt	steel	34.97	....	34.97	69.94
Dominion Power district 44,000-volt	wood	39.68	....	39.68	39.68
Dominion Power district 22,000-volt	"	28.02	....	28.02	28.02
Dominion Power district 10,000-volt	"	14.40	....	14.40	14.40
Georgian Bay division					
110,000-volt	steel	....	49.68	49.68	49.68
110,000-volt	wood	25.69	....	25.69	25.69
Bala district 44,000-volt	"	....	64.44	64.44	64.44
Eugenia district 44,000-volt	"	242.08	66.30	308.38	374.84
Muskoka district 44,000-volt and less	"	26.31	12.85	39.16	39.16
Severn district 44,000-volt & 22,000-volt	"	110.16	128.91	239.07	285.23
Wasdell district 44,000 & 22,000-volt	"	82.12	8.36	90.48	91.82
Eastern Ontario division					
110,000-volt	steel	163.23	78.47	241.70	245.01
110,000-volt	wood	336.56	1.38	337.94	338.33
44,000-volt	"	24.33	....	24.33	24.33
33,000-volt	"	42.80	....	42.80	48.48
Central district 44,000-volt and less	"	500.41	4.49	504.90	543.13
St. Lawrence district 44,000 volt	"	144.69	*0.66	144.03	144.41
Rideau district 26,400-volt	"	62.48	....	62.48	62.48
Madawaska district 33,000-volt	"	59.10	0.45	59.55	59.55
THUNDER BAY SYSTEM					
110,000-volt	steel	82.12	0.42	82.54	164.70
110,000-volt	wood	178.21	....	178.21	178.21
44,000-volt	"	113.81	....	113.81	113.81
22,000-volt	"	8.05	0.49	8.54	8.63
12,000-volt	"	1.45	....	1.45	1.45
NORTHERN ONTARIO PROPERTIES					
Abitibi district—132,000-volt	steel	362.74	....	362.74	725.48
Abitibi district—132,000-volt	wood	190.19	....	190.19	190.19
Abitibi district—26,400 & 13,200-volt	"	151.35	26.77	178.12	179.13
Sudbury district—110,000-volt	"	46.23	....	46.23	46.23
Sudbury district—22,000-volt	"	61.57	....	61.57	61.57
Nipissing district—22,000-volt	"	63.16	....	63.16	80.04
Patricia district—44,000-volt	"	345.10	3.85	348.95	348.95
Patricia district—22,000-volt	"	32.76	0.75	33.51	33.64
Rainy River district—110,000-volt	"	119.81	....	119.81	119.81
Timiskaming district—110,000-volt	steel	112.82	....	112.82	225.64
Timiskaming district—110,000-volt	wood	74.56	....	74.56	74.56
Timiskaming district—44,000-volt	"	247.30	*11.32	235.98	235.98
Timiskaming district—12,000 and 11,000 volt	"	100.49	3.43	103.92	172.49
Totals		7,489.35	†458.45	7,947.80	9,740.15

*Removals. †Net increase. ‡Former T. & N.P. Co. circuits are now used at various voltages ranging from 4,000 volts to 110,000 volts.

NOTE: Circuit miles of 220,000-volt line in the Province of Quebec connected to H-E.P.C. lines=103.45. Total 220,000-volt system interconnected circuit miles=1,173.42.

TRANSMISSION LINE CHANGES AND ADDITIONS MADE DURING THE YEAR ENDED OCTOBER 31, 1946

SOUTHERN ONTARIO SYSTEM

HIGH VOLTAGE LINES

The 60,000-volt, single-circuit, wood-pole line from Garner Road junction 1.44 miles to Welland Chemical Corporation was converted from pin-type insulation to suspension-type insulation for 1.10 miles for that customer.

A 110,000-volt, single-circuit, steel-tower line was built from Scarborough frequency-changer station 49.68 miles to Barrie transformer station.

A 110,000-volt, single-circuit, steel-tower line was built from Scarborough frequency-changer station 28.75 miles to Oshawa transformer station.

A 110,000-volt, single-circuit, steel-tower line was built from Merivale Road junction 51.49 miles to Cornwall switching station.

LOW VOLTAGE LINES

Niagara Division

NIAGARA DISTRICT:—The 46,000-volt four-circuit steel towers were removed from Niagara transformer station 13 94 miles to Southworth junction.

DUNDAS DISTRICT:—A 13,200-volt line was built from Hatt Street junction 0.10 mile to Hamilton Cotton Company.

The 13,200-volt line from Aldershot junction 0.11 mile to National Sewer Pipe Company was removed.

LONDON DISTRICT:—A 26,400-volt line was built from Dashwood distributing station 7.53 miles to Grand Bend distributing station.

STRATFORD DISTRICT:—A 13,200-volt line was built from Baden distributing station 0.18 mile to Dominion Linseed Oil Company.

BRANT DISTRICT:—A 26,400-volt line was built from Drumbo junction 4.82 miles to Plattsville distributing station.

Two 26,400-volt tap lines totalling 0.10 mile in length were built to two Brantford Township municipal stations.

The 26,400-volt single-phase line from Silver Street junction 0.30 mile to Dumfries distributing station was converted to three phase.

KENT DISTRICT:—A 26,400-volt line was built from Chatham Street junction 1.17 miles to Blenheim distributing station No. 2.

A section of the 26,400-volt line from Ridgetown junction to Thamesville distributing station, 0.67 mile in length, was relocated and total mileage reduced 0.06 mile.

Two sections of the 26,400-volt line from Thamesville distributing station to Bothwell distributing station, 1.20 miles in length, were relocated and total mileage reduced 0.13 mile.

YORK DISTRICT:—A 26,400-volt line was built from New Toronto distributing station 0.09 mile to Donnell and Mudge Limited.

A 26,400-volt line was built from Horner Avenue junction 0.80 mile to Flintkote of Canada Limited.

A 26,400-volt line was built from Struthers street 0.12 mile to Campbell's Soup Company Limited.

HAMILTON DISTRICT:—A 13,200-volt line was built from Smithville distributing station 0.43 mile to Ralston Purina Limited.

LEASIDE DISTRICT:—A 13,200-volt line was built from West Hill distributing station 4.0 miles to Dunbarton distributing station.

The 13,200-volt line from Cedervale Avenue junction to East York distributing station Number 6 was relocated for 0.25 mile.

PORT COLBORNE DISTRICT:—The 13,200-volt line from Dominion Government Elevator junction 1.61 miles to Canada Cement Company Limited was relocated and total mileage reduced 0.24 mile.

ALLANBURG DISTRICT:—A 12,000-volt line was built from Hayes Steel junction 0.28 mile to Hayes Steel Products Limited.

FAIRBANK DISTRICT:—The 26,400-volt line from Fairbank transformer station to Kodak junction was relocated for 0.31 mile.

DOMINION POWER DISTRICT:—The 13,200-volt line from Burlington distributing station to National Fireproofing junction was relocated for 0.23 mile.

Georgian Bay Division

BALA DISTRICT:—The 44,000-volt line from Ragged Rapids generating station 37.25 miles to Nobel distributing station was purchased from War Assets Corporation.

EUGENIA DISTRICT:—A 44,000-volt line was built from Eugenia generating station 7.02 miles to Sydenham junction.

The 22,000-volt circuit was removed from Flesherton junction 0.80 mile to Sydenham junction.

A section of the 22,000-volt line from Sydenham junction to Dundalk distributing station, 0.91 mile in length, was removed and replaced by 1.17 miles of 44,000-volt line in a new location.

A section of the 22,000-volt line from Dundalk distributing station to Crombie junction, 0.95 mile in length, was removed and replaced by 0.69 mile of 44,000-volt line in a new location.

A section of the 22,000-volt circuit from Eugenia generating station to Priceville distributing station, 0.68 mile in length, was removed and replaced by 0.92 mile of 44,000-volt line.

A section of the 22,000-volt circuit from Hanover junction to Hanover switching station, 0.25 mile in length, was removed and replaced by 0.25 mile of 44,000-volt line.

A section of the 22,000-volt line from Mount Forest junction to Mount Forest distributing station, 0.39 mile in length, was replaced by 0.34 mile of 44,000-volt line.

The 44,000-volt line from Teeswater distributing station to Wingham distributing station was relocated for 3.18 miles.

Fourteen line sections, totalling 93.67 circuit-miles, were reinsulated and placed in service at 44,000 volts.

SEVERN DISTRICT:—The 22,000-volt line from Barrie junction 0.62 mile to Allandale junction was replaced with a 44,000-volt line.

A section of the 44,000-volt, double-circuit line from Camp Borden junction to Barrie junction, 0.31 mile in length, was removed, and replaced by a 44,000-volt, double circuit line 1.44 miles to Barrie transformer station.

A 44,000-volt, single circuit line was built from Barrie transformer station 0.65 mile to Allandale junction.

A 44,000-volt, single circuit line was built from Allandale junction 0.14 mile to Allandale distributing station.

A 44,000-volt, double circuit line was built from Barrie transformer station 1.47 miles to Painswick distributing station, one circuit of which was placed in service temporarily at 22,000 volts.

The 22,000-volt circuit from Fergusonvale auto-transformer station 7.28 miles to Midhurst distributing station was reinsulated for 44,000 volts.

The remaining portion of the 22,000-volt circuit from Midhurst distributing station 1.67 miles towards Camp Borden junction was reinsulated for 44,000 volts.

The 22,000-volt circuit from Fergusonvale auto-transformer station 4.57 miles to Elmvale junction was removed and the 44,000-volt circuit was converted to pole-top-pin construction.

The 22,000-volt line from Elmvale junction 0.42 mile to Elmvale distributing station was removed.

The single-phase, 22,000-volt line from Victoria Harbour junction 1.52 miles to Victoria. Harbour distributing station was restrung for three-phase operation with stronger conductor-

The 22,000-volt line from Waubaushene switching station to Coldwater junction was relocated for 0.86 mile.

A 44,000-volt line was built from Thornton junction 7.56 miles to Alcona Beach distributing station and placed in service at 22,000-volts.

Eastern Ontario Division

CENTRAL DISTRICT:—The 44,000-volt line from Whitby municipal station 4.60 miles to Ajax distributing station was purchased from War Assets Corporation.

St. Lawrence District:—The 44,000-volt line from Winchester junction 4.61 miles to Williamsburg distributing station was restrung with heavier conductor together with removal of ground cable and conversion to pole-top-pin construction for 4.18 miles.

The 44,000-volt line from Williamsburg distributing station to Winchester distributing station was converted to pole-top-pin construction for 8.50 miles, was restrung with heavier conductor for 8.60 miles, and ground cable was removed from 9.01 miles. A portion of the line was replaced by 0.57 mile of new line, reducing the total mileage by 0.24 mile.

Madawaska District:—A 33,000-volt line was built from McNab junction 0.25 mile to Stewartville distributing station.

THUNDER BAY SYSTEM

The 110,000-volt steel-tower line from Port Arthur transformer station 0.42 mile to the Thunder Bay Paper Company was purchased from the Public Utilities Commission of the City of Port Arthur.

The 22,000-volt wood-pole line from the Public Utilities Commission of the City of Port Arthur 0.40 mile to the Provincial Paper Company was purchased from the Public Utilities Commission of the City of Port Arthur.

NORTHERN ONTARIO PROPERTIES

Abitibi District:—A 13,200-volt line was built from Murdock Creek junction 1.87 mile to Macassa junction.

A 26,400-volt line was built from Ramore distributing station 0.68 mile to Golden Arrow Mines Limited.

The 26,400-volt circuit from Timmins transformer station 3.31 miles to Paymaster Consolidated Gold Mines Limited was restrung with heavier conductor.

The 26,400-volt circuit from Timmins transformer station 3.25 miles to Ray Hill junction was restrung with heavier conductor.

A 26,400-volt line was built from Armistice junction 0.19 mile to Armistice Gold Mines Limited.

A 26,400-volt tap connection 0.11 mile to Barber-Larder Gold Mines Limited was removed.

A 26,400-volt tap connection was built 0.05 mile to Amalgamated Larder Gold Mines Limited.

A 26,400-volt line was built from Hoyle junction 6.57 miles to Nighthawk junction.

A 26,400-volt line was built from Nighthawk junction 5.40 miles to Aquarius Porcupine Gold Mines Limited.

A 26,400-volt line was built from Nighthawk junction 3.15 miles to Peninsular junction.

A 26,400-volt line was built from Peninsular junction 1.0 mile to Porcupine Peninsular Gold Mines Limited.

A 26,400-volt line was built from Peninsular junction 0.85 mile to Goldhawk Porcupine Mines Limited.

A 26,400-volt line was built from Bonetal Gold Mines Limited 1.08 miles to Porcupine Reef Mines Limited.

Patricia District:—A 22,000-volt line was built from Pickle Crow Gold Mines Limited (Albany Winoga property) 1.30 miles to Crowshore Patricia Gold Mines Limited.

The 22,000-volt line from Pickle Crow Gold Mines Limited (Albany Wingoga property) 0.55 mile to Albany River Mines Limited was removed.

A 44,000-volt line was built from Rahill Bay junction 2.74 miles to Campbell Red Lake Mines Limited.

A 44,000-volt line was built from Campbell Red Lake Mines Limited 0.92 mile to Dickenson Red Lake Mines Limited.

A 44,000-volt line was built from Howey Bay junction 0.19 mile to Red Lake Townsite distributing station.

Sudbury District:—The 22,000-volt line from Stinson generating station 6.20 miles to Falconbridge Nickel Mines was purchased from that customer.

Nipissing District:—The 22,000-volt line from Sturgeon Falls junction 24.13 miles to North Bay municipal station was restrung with heavier conductor.

Timiskaming District:—The 12,000-volt line from Kirkland Lake transformer station 1.10 miles to Lake Shore junction was removed.

The 12,000-volt line from Macassa junction 0.34 mile to Macassa Gold Mines Limited was restrung with heavier conductor.

The 44,000-volt line No. 1 from Cobalt transformer station 62.90 miles to Kirkland Lake transformer station was rehabilitated.

The 44,000-volt line No. 2 from Cobalt transformer station 65.80 miles to Kirkland Lake transformer station was rehabilitated.

A 12,000-volt line was built from Hound Chute generating station 6.05 miles to Silanco Mining and Refining Company Limited.

The 12,000-volt double-circuit line from Sandy Falls generating station 3.92 miles to Hollinger switching station was converted to single circuit pole-top-pin construction, reinsulated for 26,400 volts, and ground cable was removed for 3.42 miles.

The 44,000-volt line from Lower Sturgeon generating station 27.81 miles to Schumacher transformer station was rehabilitated and reinsulated for 24.0 miles.

COMMUNICATIONS—ALL SYSTEMS

SOUTHERN ONTARIO SYSTEM

In the Southern Ontario System, an open-wire single telephone circuit was constructed on the new 26,000-volt transmission line between Listowel distributing station and Atwood distributing station for a distance of 5.65 miles. An additional telephone circuit was constructed on existing poles for a distance of 3.67 miles between DeCew Falls generating station and Louth junction. Six telephone circuits were erected on a new telephone pole line for a distance of 8.16 miles between the Welland Ship canal and Pelham junction to replace three deteriorated telephone pole lines.

The deteriorated telephone line including conductor, defective crossarms, insulators and fittings between Eugenia generating station, Flesherton junction, Dundalk junction, Crombie junction and Shelbourne distributing station, a total distance of 31.26 miles, and between Fraxa junction and Grand Valley distributing station, a distance of 6.3 miles, was replaced with a new copper circuit.

A modern telephone building was constructed at Chats Falls transformer station to house the present and future physical and carrier telephone, telemetering and control communication equipment. (See illustration in introduction to Report.) Two tone transmitting and receiving channels were superimposed on the existing carrier channel between Chats Falls and Leaside for telemetering of Chats Falls total generated megawatts and Gatineau total 60-cycle megawatts to the power supervisor's office at Toronto. A telephone carrier channel was superimposed on the present physical telephone circuit between Fairbanks transformer station and Waubaushene auto transformer station.

A temporary point-to-point channel was leased between Toronto and Chats Falls to relieve the telephone traffic congestion in the Eastern Ontario division. In addition, a 90-mile telephone circuit with provision for an added carrier channel was leased between Arnprior and Moor Lake in the vicinity of the Des Joachims development.

THUNDER BAY SYSTEM

To provide communication facilities for the construction of the Aguasabon development in the Thunder Bay system, telephone circuit facilities are being provided for a distance of 73 miles between Cameron Falls and Terrace bay. Of this total distance, approximately 55 miles have been provided through the leasing of a telephone circuit between Ozone and Terrace bay.

NORTHERN ONTARIO PROPERTIES

In northern Ontario the existing telephone circuits which were acquired through the purchase of the Northern Ontario Power Company Limited were rehabilitated and re-routed to provide for amalgamation with the existing Hydro telephone circuits in the Timmins, Schumacher, Indian Chutes and Kirkland Lake areas.

DISTRIBUTION LINES AND SYSTEMS IN RURAL OPERATING AREAS

The following summary shows the mileage of distribution lines constructed by the Commission in rural operating areas and the number of consumers served.

The summary indicates a total net increase in construction during the year of 1,189 miles of new primary line completed and giving service to 16,802 additional consumers.

SUMMARY OF CONSTRUCTION IN RURAL OPERATING AREAS

System and division or district	At October 31, 1945		At October 31, 1946					
			Miles of primary line			Number of consumers		
	Miles of primary line constructed	Number of consumers receiving service	Constructed	Under construction or authorized	Total	Receiving service	Authorized	Total
SOUTHERN ONTARIO SYSTEM								
Niagara division	12,419	95,679	12,836	334	13,170	104,003	1,568	105,571
Georgian Bay division	3,411	22,698	3,683	176	3,859	26,279	601	26,880
Eastern Ontario division	5,082	32,532	5,496	303	5,799	36,888	1,269	38,157
THUNDER BAY SYSTEM	301	1,592	303	9	312	1,677	47	1,724
NORTHERN ONTARIO PROPERTIES								
Abitibi district	66	297	75	14	89	378	32	410
Manitoulin district	165	1,099	167	0	167	1,194	2	1,196
Sudbury district	34	1,645	66	31	97	1,768	360	2,128
Nipissing district	91	1,018	95	13	108	1,175	112	1,287
Rainy River district	....	....	37	25	62	0	252	252
Totals	21,569	156,560	22,758	905	23,663	173,362	4,243	177,605

SECTION VIII

RESEARCH, TESTING AND INSPECTION

THROUGHOUT 1946, the Laboratories, freed from war research activities, were able to concentrate upon the Commission's research problems relating to the operation of the power systems, both upon those for which early solution is possible and those which are long range problems. Studies set aside during the war were renewed and many new ones were started.

Electrical insulation, methods of grounding, the preservative treatment of wooden poles, the protection of building structures against lightning, the improvement of concrete and construction methods, paints and protective coatings, petroleum products, and illumination are matters of perennial interest and importance.

Factory inspection of materials and fabricated equipment such as generators, transformers, oil circuit breakers, metalclad switchgear, transmission towers and conductors are routine practice and in connection with new power developments a close check is maintained upon the progress of all important items of equipment through the factories and at the power development site.

The work of the Approvals laboratory increased appreciably. In the case of some items more than twice the work done in the previous year was required; this would indicate that increased demands for the items submitted are emphasizing any shortages that may exist in the production of raw material.

As usual members of the laboratory staff assisted in matters pertaining to the Canadian Electrical Code and in preparing specifications for electrical equipment. In this connection, methods of suppressing radio interference received attention.

Among matters of special interest may be mentioned the new automatic electric storage water heater for residential use, an echo-ranging device of the radar type for locating faults on power transmission lines and telephone lines, and a similar device for detecting cracks in massive concrete structures. These are mentioned again in this report.

RESEARCH AND TESTING LABORATORIES

Research

The research work of the Commission is organized under a main research committee of five department heads. The agreed programme is carried out in the Laboratories or in the field by subcommittees each of which studies some specific problems associated with the operation of the various power systems. The research study of the past year is summarized briefly as follows:

Electrical Insulation

An extensive series of non-destructive insulation tests was undertaken upon certain equipment in service in order to appraise different methods of testing for incipient failures. This work included tests on generators, transformers, and oil circuit-breakers over a wide range of voltage rating. In previous years, the bushing stick has been used very widely on the Commission's systems for gradient tests on bushings to locate incipient failures, and thus prevent power interruptions, and the successful results obtained by its use have been mentioned in earlier annual reports.

Various devices, known as klydonographs, were installed on several station structures to record the magnitude of lightning strokes. The outstanding information of value secured was the incidence and intensity of strokes commonly received at these structures and the nature and amount of insulation required in the equipment, i.e., a check on the safety factor existing in the insulation, and providing information of value for future station design.

The burning of wood poles, cross-arms and pins due to leakage currents from power lines is a potential menace to continuity of electrical distribution, especially in rural areas. The conditions leading to them have been investigated carefully and remedial measures proposed which give promise of satisfactory protection.

Grounding

During the past few years, electrocutions of cattle have become a serious problem. Investigation revealed that these electrocutions frequently were due to insulation failures in wiring or apparatus, and also to unsatisfactory grounding conditions.

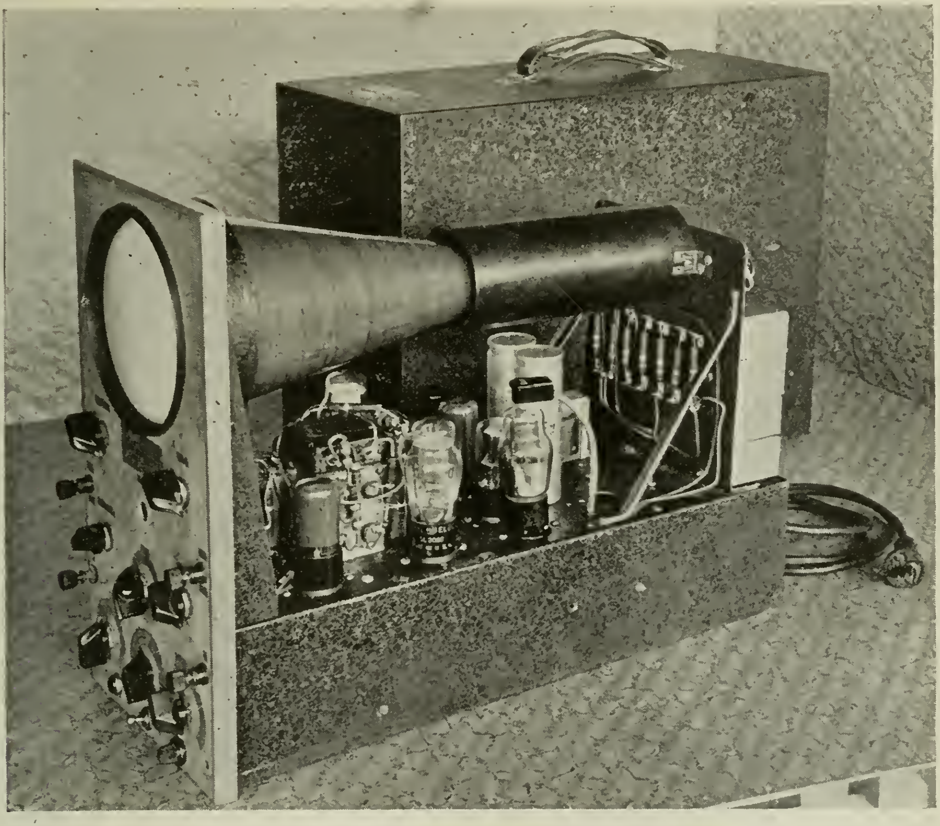
Studies regarding grounding have led to improvements in ground resistances, in methods of making grounds, and in rectification of hazardous conditions where unknown defects were found.

Joints in Electrical Conductors

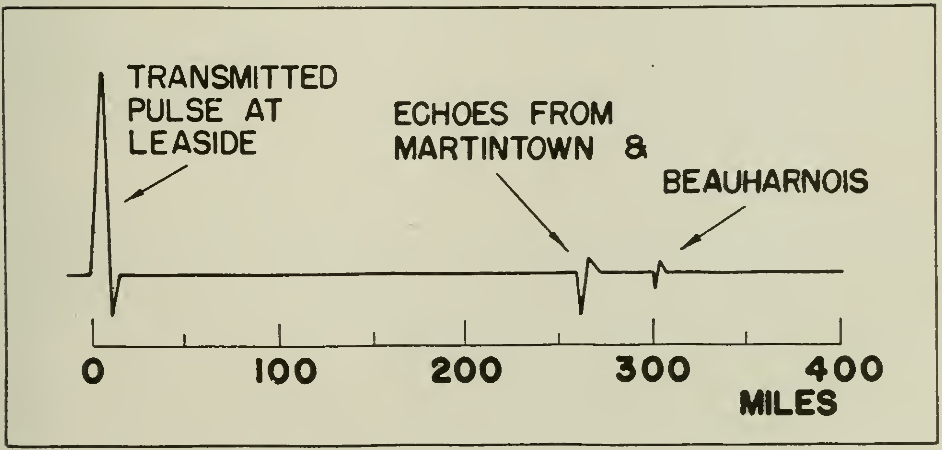
Abnormal heating of improperly-made joints in aluminum conductors may cause service interruptions. The trouble in unsatisfactory jointing is due primarily to insufficient cleaning and the failure to exclude air and moisture between conductors and the enclosing envelopes. Proper cleaning and improved fabricating methods for joints in aluminum and steel-reinforced aluminum conductors are given in a specification prepared. The new methods have already demonstrated their value.

Vibration of Line Conductors

A subcommittee which, for some years, has been studying methods of suppressing vibration of line conductors, co-operated with other utilities in



LOCATING FAULTS ON TRANSMISSION LINES
Echo-ranging electronic device built at the Laboratories, using radar techniques at audio frequencies for detecting faults on power transmission or telephone lines, identifying the type of fault and determining its distance along the line



LOCATING FAULTS ON TRANSMISSION LINES
Typical record obtained on echo-ranging electronic instrument

the United States and Canada, and has prepared a programme of co-operative research in which each will participate to get results with minimum duplication and maximum efficiency. The National Research Council at Ottawa expressed a desire to assist in these studies and offered the use of its wind tunnels in which various conditions may be duplicated and studied.

The bibliography on vibration of conductors was revised and a new printed edition was issued.

Treatment of Wooden Transmission Structures

The use of pentachlorphenol, introduced in 1935 as a wood preservative, was followed closely. A large number of poles were treated and, from their appearance and from laboratory tests, these poles were very satisfactory.

Domestic Hot Water Tanks and Heaters

The new method of applying flat-rate heaters to domestic hot water tanks was developed further. This involves an improved type of strap-on heater, with two such heaters per tank controlled by thermostats to give preference in heating the water in the upper part of the tank to 165°F and to supply a larger amount of hot water on a flat-rate basis than with the method now in common use, i.e., with only one flat-rate heater mounted in a lower position on the tank. The new method does not employ a booster heater and consequently eliminates metered charges in the heating of water for domestic use.

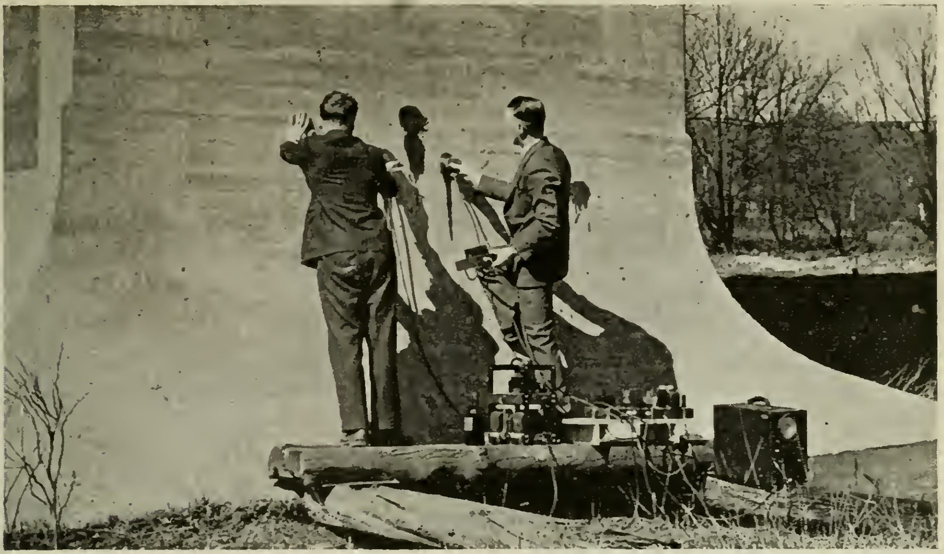
Some modifications have been made in the fabrication of domestic hot water tanks to insure better galvanizing, and a specification has been prepared for the manufacture of the modified tank in 30 and 40 Imperial gallon sizes.

A specification was prepared for the manufacture of a packaged Automatic Electric Storage Water Heater, completely assembled and ready for installation, requiring only the coupling of the hot and cold water connections and two service wires for 115 volt supply at either 25 or 60 cycles. This packaged unit will consist of one tank fitted with two strap-on heaters of equal rating, with two thermostats to control and limit the heating of water, and having the tank, heaters, and thermostats enclosed beneath a layer of rock wool for heat insulation.

Electronic Applications

The associated studies of direct current transmission of power and electronic frequency conversion were continued, these subjects being extended to include alternating current transmission above 300 kv. Information on all these topics was gathered for the purpose of preparing bibliographies and for further investigational study.

Radar techniques were applied for the location of faults on power transmission lines and open-wire telephone circuits using an echo-ranging electronic device built at the Laboratories. Tests on the 230-kv power line from Beauharnois to Leaside transformer station detected positively both line-to-line and line-to-ground specially applied faults and determined their



DETECTION OF FAULTS IN CONCRETE STRUCTURES
A novel application of sound waves to detect cracks in the interior of concrete structures

locations very closely. The type of fault, whether open-circuit or short-circuit, could readily be identified by this equipment. This method of locating faults reduces appreciably the amount of patrolling necessary in the event of trouble. Intermittent faults, which are often difficult to locate, may be found readily by this method.

A special amplifier for use on current transformers with an instrument to indicate currents that are too low in value to be read on usual switchboard ammeters was designed and will be used for checking the balance of currents in different phases at low loads and for comparing small currents in different circuits. The need for a device of this type has been felt in the operation of transmission systems.

Radio Interference

A shielded cage in which radio interference tests may be conducted has been provided for use at the Laboratories.

Tests were made to determine the value, in attenuating radio frequency voltages, of powdered iron magnetic paths surrounding the conductors of a transmission line. This was the beginning of an investigation of a method of suppressing radio interference by limiting the travel of the cause along transmission conductors and thus reducing its range of influence.

Masonry Materials

A large amount of development work was done to enable internal cracks in concrete structures to be detected and investigated by means of supersonic waves.

The instrumentation of Stewartville dam, i.e., the installation in the concrete of devices for measuring temperatures, stresses and strains, was approved and plans for this work were prepared.

A series of comparative tests was made on six Canadian cements to determine their relative physical properties and hydration characteristics. Studies were conducted on air-entraining agents to obtain information as to their use, and advantage, if any, in lean mixtures to reduce the quantity of cement necessary and hence to lower the temperature rise in mass concrete. In tests during this year, however, these were not proved to be of any benefit.

Active study of many problems associated with the durability and repair of concrete was continued and two papers were presented at the last annual convention of the American Concrete Institute in February—one on "Temperature Changes in Concrete as affected by Solar Radiation," and the other an introductory paper on "The Repair of Concrete."

Paints and Protective Coatings

Tests on black finishes for equipment were completed and those finishes used during the year were selected on the basis of these test results.

For purposes of study, certain experimental paints, including phenolic base finishes and emulsified pitch, were applied on head gates at one generating station where corrosion was excessive due to the larvae of the caddis fly.

Petroleum Products

Different methods and materials for treating used oils were examined and studied.

A large amount of work was done in studying oil additives for various purposes and a report was prepared giving the nature and particular use of various additives covering about 1,500 different materials.

The stability of insulating oils was studied to provide further information for a revision of the existing specifications.

In co-operation with the American Society for Testing Materials, dielectric tests were made on insulating oils to establish test procedures and with a view to revising the specification covering dielectric strength of such oils.

The effect of high frequencies on insulation quality of oils was studied.

Illumination

Methods and arrangements for illumination of interiors of public buildings and residences were studied with a view to the best distribution of light and a large amount of testing was done with the school classroom model at the Laboratories in order to standardize lighting as much as possible. A new method of blackboard lighting was developed to produce better results and at lower cost than before. The effect of paint of different color on ceilings and walls of classrooms was studied to determine the efficiency of a school lighting system. Here, the ceiling was the most important factor in controlling the intensity of illumination.

Space Heating

Features in the heating of dwellings, schools and public buildings under the climatic conditions of Ontario were studied and some consideration was given to heating by reversed cycle refrigeration. Dielectric and induction heating, by high frequency voltages and currents respectively, were also studied with the intention of building up a store of information on this and the other methods of heating mentioned.

Routine Testing, Materials and Equipment Inspection

The Laboratories have increased their activities in nearly all branches of the work of routine testing of materials and various types of equipment, and in factory inspection and acceptance witness testing of power equipment purchased for the Commission and for municipalities. By this service, the quality in materials and workmanship in the quipment is checked and satisfactory operating characteristics are assured.

Electrical Equipment

Factory inspection of generating equipment under construction but not completed within the year, included—one 64,000-kva generator for DeCew Falls, three 24,000-kva generators for Stewartville development on the Madawaska river, three 22,500-kva generators for Aguasabon, three 25,000-kva, 25/60-cycle frequency-changers for the new Scarborough station and a new 6,000-kva unit for Ear Falls generating station.

Factory inspection, together with final acceptance tests on completed transformers of various ratings, included 141 units having total capacity of 185,383 kva, some of these being 22,000-kva transformers. Forty-one oil circuit breakers, with total capacity of 1,953,933 kva, and 119 air break disconnecting switches, 8,864,790 total kva, were inspected, which represent large increases in both types of equipment.

Distribution transformers of various ratings were inspected and tested to the total of 9,131 units, more than twice the quantity tested last year. Transformer cutouts and fused switches tested amounted to 12,875. Over 225,000 line and bus insulators were inspected.

Routine tests were made in the Laboratories of 5,890 pairs of linemen's rubber gloves and on 1,305 samples of insulating oil. Special tests were made on 1,711 samples of oil.

Instrument and distribution transformers, totalling 1,398, were tested, and also 26 motors of various types and ratings. More than 800 thermostats were tested. Insulators to the number of 3,371 were given flashover tests; 7,638 watt-hour meters were repaired and 461 indicating instruments calibrated.

Mechanical and Structural Equipment

Inspection was completed on two 28,000-horsepower runners of improved design for the turbines at Barrett Chute generating station.

A large amount of inspection work was started on equipment that was not completed during the year, including one 75,000-horsepower hydraulic turbine for DeCew Falls generating station, three 28,000-horsepower turbines for Stewartville development, one 25,000-kva frequency-changer set for Scarborough, two head gates with hoists, and two tainter gates with hoists for DeCew Falls.

At the request of the Department of Reconstruction and Supply, the Laboratories inspected a large quantity of equipment for the United Nations Relief and Rehabilitation Administration. This included twenty complete steam-electric plants for isolated stations, each to deliver 625 kva at 400 volts, 50-cycles, three-phase, with welded boiler, coal conveyor, stoker, surface condenser, multistage steam turbine with oil relay governor, gear speed reducer, generator, direct-connected exciter, and control and feeder panels, also all necessary accessories, such as forced draft fans, electrically driven pumps, feed water treating and pumping unit, stack, piping, and cooling towers.

Under the same request, thirty-seven generators, belt-driven exciters and control panels were inspected. These were for Diesel driven sets.

Concrete

Four resident inspectors assisted by seven inspectors supervised concrete work on construction projects at Stewartville, DeCew Falls and Aguasabon generating stations and at Kipling transformer station. The inspectors test the aggregates, check the mixtures and quality of concrete and supervise the placing of the concrete in the prepared forms.

Field surveys were made in search of concrete materials at five sites near to proposed projects.

Microscopical Examinations

About 136 microscopical examinations were made of materials used in fabrication and construction to determine the quality of steel castings, welds and machine parts.

Transmission Line Materials

The Laboratories inspected transmission line materials that passed through Strachan Avenue stores. These included cross arms, brackets, insulator pins, clamps, general hardware, wire and cable. Copper wire and cable, galvanzied steel cable, and steel-reinforced aluminum cable amounted to 3,656 tons.

Steel and Timber

Structural and reinforcing steel to the total of 5,709 tons were inspected. This is nearly 11 times the amount of steel examined last year. More than 225,100 pine and cedar poles were inspected for extensions to distribution systems.

Chemical Testing

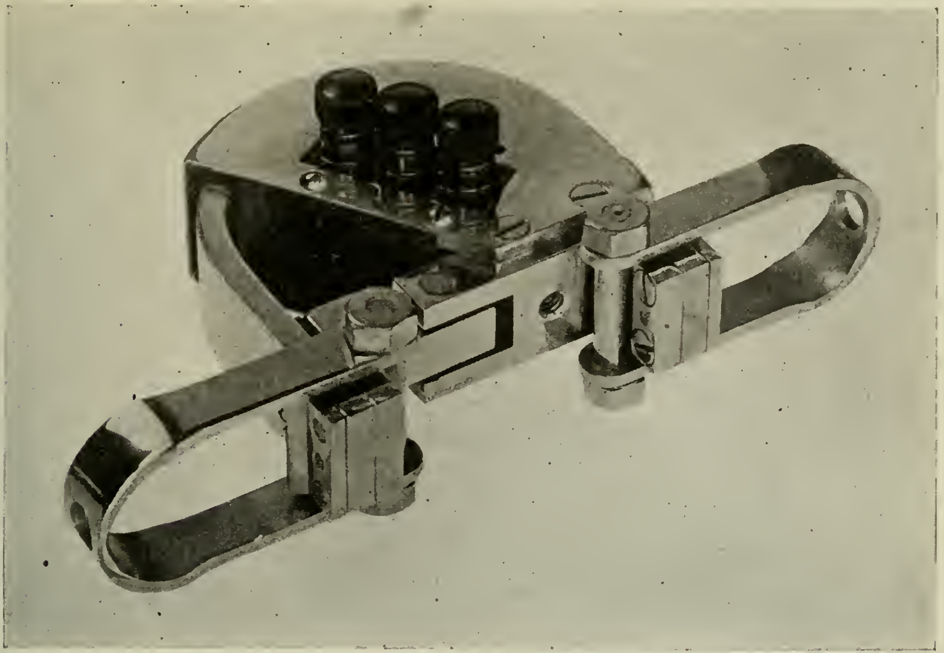
Chemical tests were made of 53 samples of paints used by the Commission on construction projects. This quantity represents fewer tests than were made last year, and this was due to the uncertainty of the supply of raw materials, necessitating so much substitution. Accelerated aging tests were made to give information as to the probable life of paints and their protective values.

Lamps and Lighting Equipment

The number of lamps covered by Laboratory inspection was 1,229,566. Life tests were made on 4,469 lamps.

New Equipment

Some of the more important items of equipment purchased are: a 120,000 pound capacity Tate Emery testing machine, a set of Johannson gauge blocks, a supermicrometer, portable gasoline-electric set to supply 60-cycle current for field tests, equipment for examining microstructure of various materials, a guage for measuring the thickness of protective coatings of paint and



CALIBRATION OF TENSILE TESTING MACHINES

The link dynamometer developed at the Laboratories, is used with an amplifier and indicating instrument to provide a very sensitive means of determining loads applied for calibration. The dynamometer forms two arms of an electrical bridge-type circuit

varnish, and various electrical test instruments, including a double-beam cathode ray oscillograph and two cathode ray oscilloscopes, two electronic voltmeters, precision Schering bridge for use as a standard in measuring capacitance, a megohm bridge for laboratory and field studies, a portable potentiometer, about seventy indicating instruments, seven instrument transformers, and eleven new shunts.

New transformer, rectifying tubes, and a contact panel for the X-ray machine were purchased and installed.

Equipment was purchased for the Chemical Laboratory to be used for analyses by the electrical deposition of metals, a sieving machine for the mechanical analysis of soils and concrete aggregate, a sample splitter for sand, and a strain indicator for use with bonded wire strain gauges.

Equipment for conducting bleeding tests on concrete mixtures was constructed and installed. The 100,000 pound capacity Olsen testing machine was recondtioned and painted. The dark room was removed from the third to the first floor and the processing tank was reconditioned.

A link dynamometer was designed for calibrating low-capacity pendulum-type tensile testing machines.

Specification and Committee Work

The Commission was represented by members of the Laboratories' staff at meetings, conventions, and conferences of the following organizations, and assistance was given in preparation of specifications and in other committee activities. Canadian Standards Association, American Standards Association, National Research Council, Ontario Research Commission, Canadian Electrical Association, Engineering Institute of Canada, American Institute of Electrical Engineers, American Concrete Institute, American Society for Testing Materials, Chemical Institute of Canada, Canadian Manufacturers Association, Canadian Radio Technical Planning Board, Canadian Institute of Mining and Metallurgy, Ontario Municipal Electric Association, Association of Municipal Electrical Utilities, Illuminating Engineering Society, Dominion Board of Fire Underwriters, International Association of Electrical Inspectors and Department of Reconstruction and Supply.

APPROVALS LABORATORY

Growth of the business of testing and reporting upon electrical equipment submitted for approval was apparent in all branches of the work and in many cases was quite large. Applications for all types of equipment increased 120 per cent, the larger increases being in the electrically-heated and lighted types, with radio and motor-operated appliances not far behind.

The number of approval labels sold increased 31 percent, indicating that shortages in many lines of electrical material may be due to increased demands rather than to a drop in the production of raw material. The footage of wire, cable and conduit, represented by labels sold, increased 36 percent.

This large increase in business necessitated a further increase in the technical and clerical personnel, and additional office, testing and storage space.

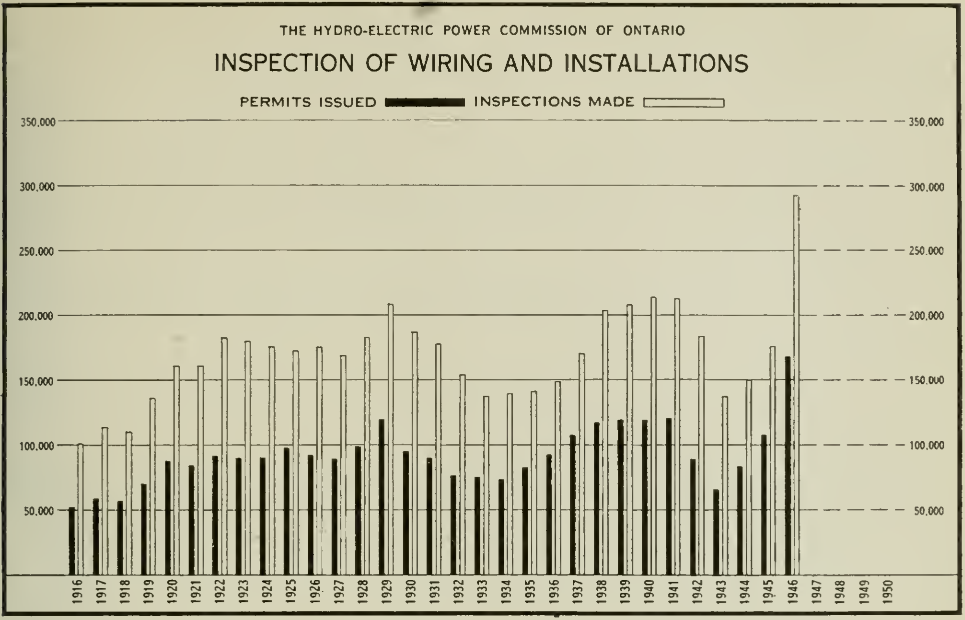
Members of the staff attended meetings of the Approvals Administrative Board, the Approvals Council and of the Canadian Electrical Code committees, Parts I, II and IV. The approvals engineer also attended meetings of the Canadian Standards Association fire hazards committee.

Canadian Electrical Code

A large amount of work is done each year in regard to the Canadian Electrical Code on electrical installations which includes attendance at meetings of the central committee and issuing interim revisions and interpretations. Approvals specifications for electrical equipment are prepared in draft and final form and also interim revisions of published specifications. Attendance is required at meetings of the committee. Work on radio interference includes preparation of drafts of parts of specifications to improve methods of suppressing radio interference and also requires attendance at meetings of the committee and of panels and subpanels of the main committee.

ELECTRICAL INSPECTION

The Electrical Inspection department is entrusted with the enforcement of the rules and regulations governing electrical installations in Ontario. These rules establish essential requirements and minimum standards for the installation and maintenance of electric wiring and equipment. In their preparation and revision consideration is given to the prevention of fire and injury to persons.



The volume of inspection work handled during the fiscal year 1946 was the greatest in the history of the department. The accompanying graph shows the number of permits issued and inspections made during the fiscal years 1916 to 1946 inclusive.

Statistical

Permits issued authorizing the installation of electric wiring and equipment numbered 168,154, an increase of 59,920. or 55.4 per cent over the previous year. Inspection made numbered 292,861, an increase of 116,926 or 66.5 per cent.

A total of 1,112 applications for special inspection of electrical equipment were received from manufacturers of custom-built apparatus and from manufacturers who do not produce in sufficient quantity to warrant the cost of Canadian Standards Association approval. This was an increase of 430, or 63 per cent.

Fires Attributed to Electricity

Investigations were made of numerous fires assumed and reported to have been caused by defective wiring or equipment. In only three instances could it be proved that the fires were of electrical origin. There were, possibly, other fires due to electrical causes, but direct evidence was destroyed by the fire.

Electrocutions and Fatal Accidents

Nine persons were accidentally electrocuted through contact with electric wiring or equipment. The individual causes are summarized hereunder:

1 Stationary engineer was replacing crane collector wires in insulators. Circuit was not known to be alive. Potential 550 volts.

2 Electrician was repairing equipment connected to a circuit he had de-energized. The circuit was made alive by some other person. Potential 550 volts.

3 A workman was using an electric drill while repairing a boat. The drill was not grounded and proved to have been defective. Potential 115 volts.

4 A crane operator came into contact with live parts of equipment in the control cab. Potential 230 volts D.C.

5 A man attempted to remove a lamp bulb from a brass socket while standing on damp ground. The socket was defective. Potential 117 volts.

6 A boy came into contact with an elevator control panel in a penthouse. Potential 550 volts.

7 A child touched a bare conductor while at play. This wire had been run as a temporary measure and was within reach. Potential 220 volts.

8 A man, using equipment connected to power supply by means of a portable cable, touched a defective part of the cable. Potential 550 volts.

9 A woman was using a portable electric heater in a bathroom. She apparently touched it while in the bath. Potential 115 volts.

Accidents—Cattle

Two cows were electrocuted through contact with stanchions. In each instance, the stanchions had become charged as the result of a breakdown in the insulation of the wiring system.

Ground Tests

A total of 2,777 tests were made of consumer's artificial ground electrodes in rural areas, an increase of 277 tests over the previous year.

Infractions of Regulations

Twenty-one persons or companies were prosecuted for various infractions of the rules and regulations governing the installation of electric wiring and equipment.

Canadian Electrical Code

During the past year members of the Electrical Inspection department attended numerous meetings in connection with the preparation of the final draft of the Canadian Electrical Code, Part I. This Code is incorporated in The Hydro-Electric Power Commission of Ontario, Rules and Regulations Governing Electrical Installations and Equipment in Ontario.

The revision of the Canadian Electrical Code, Part I, has been completed with the exception of editorial changes, and the revised Code will be published in 1947.

SECTION IX

FINANCIAL STATEMENTS

Relating to

Properties Operated by The Hydro-Electric Power Commission on behalf of Co-operating Municipalities of the Southern Ontario System (Niagara, Georgian Bay and Eastern Ontario Divisions) and the Thunder Bay System,

and to

Northern Ontario Properties Held and Operated by the Commission in Trust for the Province of Ontario, and

The Hamilton Street Railway Company—A Subsidiary of the Southern Ontario System

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IN this section of the Report financial statements relating to the activities of The Hydro-Electric Power Commission, segregated into certain distinct divisions, are presented. The first division relates to those activities on behalf of the co-operative municipalities, which are partners in the main Hydro undertaking comprising the Southern Ontario system (Niagara, Georgian Bay and Eastern Ontario divisions), the Thunder Bay system, and Rural Power districts associated with these two systems. The second relates to the administration of the Northern Ontario Properties which are held and operated by the Commission in trust for the Province of Ontario. The third relates to The Hamilton Street Railway Company, a wholly-owned subsidiary of the Southern Ontario system.

Co-operative Systems

In the Foreword to this Report a brief reference is made to the basic principle governing the operations of the Hydro undertaking in supplying electrical service at cost, and to the wholesale and retail aspects of the work. A description is also given of the systems into which the partner municipalities are co-ordinated for securing common action with respect to power supplies, through the medium of The Hydro-Electric Power Commission which, under The Power Commission Act, functions as their Trustee.

Although for the purpose of financial administration the Southern Ontario and Thunder Bay systems are separate units, there is a similarity of procedure with respect to their operation which enables certain financial statements, as for example the various reserves, to be co-ordinated and presented in summary tables.

The first set of tables in Section IX gives collective results for the co-operative activities related to the two systems. These tables include a **balance sheet; a statement of operations** as detailed in the "cost of power" tables referred to below; schedules respecting **fixed assets, capital expenditures and grants—rural power districts, account with the Provincial Treasurer of the Province of Ontario, funded debt issued or assumed, power accounts receivable, renewals reserves, contingencies and obsolescence reserves, stabilization of rates reserves and sinking fund reserves.**

The tables which follow these general financial statements relate more particularly to the individual municipality's aspects of the wholesale activities of the Commission and for each system show the **cost of power** to the individual municipal utilities, the **credit or debit** adjustment remaining at the end of the fiscal year, and the **sinking fund** equity that has been acquired by the individual municipality. There is also included for each system a **rural operating** statement.

The charges for power supplied by the Commission to the various municipalities vary with the amounts of power used, the distances from the sources of supply and other factors. The entire capital cost of the various power developments and transmission systems is annually allocated to the connected municipalities and other wholesale power consumers, according to the relative use made of the lines and equipment. In general each municipality assumes responsibility for that portion of property employed in providing and transmitting power for its use,* together with such expenses—including the cost of purchased power if any—as are incidental to the provision and delivery of its wholesale power. The annual expenses and the appropriations for reserves are provided out of revenues collected in respect of such power, through the medium of power bills rendered by the Commission. The municipalities are billed at an estimated interim rate each month during the year and credit or debit adjustment is made at the end of the year,† when the Commission's books are closed and the actual cost payable by each municipality for power taken has been determined.

Included in the municipality's remittance to the Commission for the wholesale cost of power—besides such current expenses as those for operation and maintenance of plant, for administration, and for interest on capital—are sums required to build up reserves for sinking fund, for renewals, and for contingencies and obsolescence. The first-mentioned reserve, namely, sinking fund, is being created on a 40-year basis for the purpose of liquidating capital liabilities. The other reserves are, respectively, being created to provide funds for the replacing or rebuilding of plant as it wears out; to enable the undertaking to replace existing equipment with improved equipment as it becomes available through advances in science and invention, and to meet unforeseen expenses which from time to time may arise.

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*Subject to maximum rate; see footnote on page 150.

†The financial year for the Commission ends on October 31. The financial year for the municipal electric utilities however, ends on December 31, and the municipal accounts are made up to this date, and are so recorded in Section X.

The ultimate source of all revenue to meet costs—whether for the larger operations of The Hydro-Electric Power Commission or for the smaller local operations of the municipalities—is, of course, the consumer. Out of the total revenue collected by each municipal utility from its consumers for service supplied, only an amount sufficient to pay the wholesale cost of power supplied by the Commission as outlined above is remitted to the Commission; the balance of municipal electrical revenue is retained to pay for the expense incurred by the local utility in distributing the electrical energy to its consumers.

Tabular Data

The following comments relate to the tabular data presented:

Balance Sheet.—The first tabular statement given in Section IX is a balance sheet showing the assets, and the liabilities and reserves of the co-operative systems.

Statement of Operations.—This statement is a summary of operating expenses and fixed charges as shown in the "cost of power" tables and rural operating statements relating to the individual systems as referred to more particularly below.

Fixed Assets.—Details are given concerning the various fixed assets of each system and of the miscellaneous properties, showing in separate classifications the values of plant under construction and in service, depreciable and non-depreciable and supplemented by a statement showing expenditures, adjustments and retirements occurring during the year.

Capital Expenditures and Grants—Rural Power Districts.—This schedule gives summary information respecting the total capital expenditures on rural power districts and grants-in-aid of construction paid or payable by the Province with respect to such rural districts.

Account with the Provincial Treasurer.—This schedule lists, both for the systems operated on a cost basis, and for the Northern Ontario Properties which are held and operated by the Commission in trust for the Province, the advances from the Province of Ontario and the repayments which have been applied to reduce this liability. It should be noted that Provincial advances to finance Northern Ontario Properties are shown in memorandum form only on the balance sheet of the Commission as the direct liability is carried on the Northern Ontario Properties' balance sheet.

Funded Debt Issued.—This schedule presents a complete list of the outstanding securities issued by the Commission on account of the systems, and the Northern Ontario Properties. It should be noted that securities issued to finance Northern Ontario Properties are shown only in memorandum form on the balance sheet of the Commission, whilst the direct liability is shown on the balance sheet of the Northern Ontario Properties.

Power Accounts Receivable.—This schedule sets forth the amounts collectable from all classes of power consumers and includes the annual adjustment figures from the "credit or charge" statements for municipalities. The amounts of debit balances three months or more overdue are stated.

Renewals Reserves,

Contingencies and Obsolescence Reserves, and

Stabilization of Rates Reserves.

These schedules show the provisions made to, the expenditures from, and the balance to the credit of, these reserves for each of the systems and other properties included in the power undertakings operated on a cost basis.

Sinking Fund Reserves.—This schedule summarizes the appropriations of principal and interest with respect to these reserves for each of the systems and certain other properties.

Following these statements, which are common to all systems, there are given for each of the co-operative systems four tabular statements as follows:

Cost of Power statement, which shows the apportionment to each municipality of the items of cost summarized in Statement of Operations, as well as the apportionment of fixed assets in service listed in the balance sheet and the amount of power taken by each municipality. It should be noted that the cost of power given in this table is the wholesale cost—that is, the cost which the Commission receives for the power delivered from the main transformer stations serving the local utility. In the case of municipal electrical utilities not directly administered by the Commission, the respective costs of power appear in Statement "B" of Section X as "cost of power supplied by H-E.P.C."

Credit or Charge statement, which shows the adjustments made in order to bring the amounts paid by each municipal electric utility to the actual cost of service.

Sinking Fund statement, which gives the accumulated total of the amounts paid by each municipality as part of the cost of power together with its proportionate share of other sinking funds.

Rural Operating statement, which summarizes for the rural power district of the system the various items of cost, and the revenues received, in connection with the distribution of electrical energy to rural consumers.

Northern Ontario Properties

The statements and schedules respecting these properties which are held and operated by the Commission in trust for the Province of Ontario include the balance sheet, operating account, schedules of fixed assets, renewals reserve, contingencies and obsolescence reserve, and sinking fund reserve. These schedules are similar in form to the corresponding schedules relating to the co-operative systems.

The Hamilton Street Railway Company

This wholly-owned subsidiary of the Southern Ontario System; has been operated by the Commission from January 1, 1930 to September 15, 1946. Ownership by the Commission terminated September 15, 1946, by the sale of all the issued shares of the Company. An operating statement to that date is presented.

Municipal Utilities

All municipal Hydro utilities have current expenses to meet similar to the expenses of the Commission and have adopted the same financial procedure with respect to their operations. In other words, concurrently with the creation of funds to liquidate their debt to the Commission and to provide the necessary reserves to protect generating, transforming and transmission systems, the municipalities are taking similar action with respect to their local Hydro utility systems.

The balance sheets, operating reports and statistical data appearing in Section X, under the heading of "Municipal Accounts," relate to the operation of local distribution systems by individual municipalities which have contracted with the Commission for their supply of electrical energy. To this section there is an explanatory introduction to which the reader is specially referred.

Auditing of Accounts

The accounts of The Hydro-Electric Power Commission of Ontario are verified by auditors specially appointed by the Provincial Government. The accounts of the "Hydro" utility of each individual municipality are prepared according to approved and standard practice and The Public Utilities Act requires that they shall be audited by the auditors of the municipal corporation.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FINANCIAL ACCOUNTS

For the year ended October 31, 1946

Relating to Properties operated on a "Cost Basis" for the Co-operating Municipalities and Rural Power Districts which are supplied with Electrical Power and Services from the following Properties:

Southern Ontario System

Thunder Bay System

Service and Administrative Buildings and Equipment

STATEMENTS

Balance Sheet as at October 31, 1946

Statement of Operations and Cost of Power for the year ended October 31, 1946

Schedules supporting the Balance Sheet as at October 31, 1946:

- Fixed Assets—By Systems and Properties
- Fixed Assets—Changes during year
- Capital Expenditures and Grants—Rural Power Districts
- Account with the Provincial Treasurer of the Province of Ontario
- Funded Debt Issued or Assumed
- Power Accounts Receivable
- Renewals Reserves
- Contingencies and Obsolescence Reserves
- Stabilization of Rates Reserves
- Sinking Fund Reserves

Statements for Municipalities Receiving Power under Cost Contracts

THE HYDRO-ELECTRIC POWER

SOUTHERN ONTARIO AND

BALANCE SHEET AS AT

ASSETS

Fixed Assets:			
Southern Ontario system		$325,335,998.53	
Thunder Bay system		23,446,766.23	
Service and administrative buildings and equipment		4,426,321.08	
		$353,209,085.84	
Less: Grants-in-aid of construction:			
Province of Ontario—for rural power districts		23,802,911.32	
			$329,406,174.52
Current Assets:			
Employees' working funds		$ 97,501.90	
Sundry accounts receivable		542,380.22	
Power accounts receivable		3,366,029.46	
Rural power district grants receivable		746,713.13	
Interest accrued		656,200.65	
Consumers' and contractors' deposits:			
Cash deposits	$ 41,062.43		
Securities—at par value	1,037,250.00		
		1,078,312.43	
Prepayments		43,412.05	
			6,530,549.84
Inventories:			
Construction and maintenance materials and supplies		$5,918,040.88	
Construction and maintenance tools and equipment		2,717,702.01	
Office equipment		143,684.96	
			8,779,427.85
Deferred Charges and Sundry Assets:			
Unamortized discount on debentures		$ 399,637.85	
Sundry investments		234,125.00	
Agreements and mortgages		23,168.75	
Rural district loans		1,448.29	
Work in progress—deferred work orders		525,622.52	
			1,184,002.41
Reserve Fund Investments:			
Investments in government and government guaranteed bonds, at amortized cost:			
Employers' liability insurance fund		$1,018,943.53	
Pension fund		10,865,294.26	
Other reserves		69,328,686.54	
			81,212,924.33
			$427,113,078.95

COMMISSION OF ONTARIO

THUNDER BAY SYSTEMS

OCTOBER 31, 1946

LIABILITIES AND RESERVES

Long Term Liabilities (at par of exchange):			
Funded debt		$103,623,000.00	
Less—debentures issued to finance Northern Ontario Properties		30,833,600.00	
		$72,789,400.00	
Advances from the Province of Ontario	$91,967,327.14		
Less—advances for Northern Ontario Properties	5,497,903.65		
		86,469,423.49	
Purchase agreements and mortgages		53,648.24	
			$159,312,471.73
Current Liabilities:			
Bank overdraft—secured		$2,966,373.27	
Accounts and payrolls payable		3,644,082.90	
Power accounts—credit balances		474,287.78	
Northern Ontario Properties—current account		2,640,728.47	
Advances from the Province of Ontario for rural loans		1,454.94	
Consumers' and contractors' deposits		1,138,391.39	
Debenture interest accrued		696,717.57	
Miscellaneous accruals		570,713.02	
			12,132,749.34
Rural Power Districts—rates suspense, net			3,315,848.60
Reserves:			
Renewals	$70,796,731.04		
Contingencies and obsolescence	54,227,330.63		
Stabilization of rates	19,982,863.64		
Fire insurance	176,232.36		
		$145,183,157.67	
Employers' liability insurance		1,467,306.97	
Pension fund		11,373,917.04	
Savings and retirement fund		284,515.56	
Miscellaneous		807,069.49	
			159,115,966.73
Sinking Fund Reserve:			
Represented by funded debt and provincial advances retired through sinking funds			93,236,042.55
			$427,113,078.95

Contingent liability under uncompleted contracts for the construction of fixed assets, approximately $8,000,000.

Auditors' Report

We have made an examination of the balance sheet of the Southern Ontario and Thunder Bay Systems of The Hydro-Electric Power Commission of Ontario, as at October 31, 1946 and of the attached statement of operations for the year ended on that date. In connection therewith we reviewed the system of internal control and the accounting procedures of the Commission, and, without making a detailed audit of the transactions, have examined or tested accounting records of the Commission and other supporting evidence by methods and to the extent we deemed appropriate.

We report that in our opinion the foregoing balance sheet and related statement of operations (as more fully reported upon by us to the Lieutenant-Governor in Council) have been drawn up so as to exhibit a true and correct view of the state of the affairs of the Southern Ontario and Thunder Bay Systems of the Commission at October 31, 1946 (subject to the trusts which prevail in respect thereto) and the results of their operations for the year ended on that date, according to the best of our information and the explanations given us and as shown by the books.

CLARKSON, GORDON & CO.
Chartered Accountants.

Toronto, Canada,
May 14, 1947.

THE HYDRO-ELECTRIC POWER

SOUTHERN ONTARIO AND

STATEMENT OF OPERATIONS

	Southern Ontario system
	$ c.
Cost of power:	
Cost of power purchased	11,237,627.75
Operating, maintenance and administrative expenses	7,564,065.88
Interest (including interest on sinking fund, renewals, and other reserves and after deducting interest earned on investments)	10,916.399.40
Provision for renewals	2,219,332.19
Provision for contingencies and obsolescence	8,575,543.00
Provision for stabilization of rates	....
Provision for sinking fund	2,797,669.01
Total	43,310,637.23
Amounts received from or billed against municipalities and other customers:	
Municipalities (at interim rates)	29,541,675.42
Rural power districts	3,258,030.20
Companies	13,180,588.23
Mining area	....
Local distribution system	125,138.74
Rural lines operated by municipalities	92.48
Total	46,105.525.07
Balance, credited or charged to municipalities on annual adjustment of the cost of power:	
Credited	2,794,887.84
Charged	....
Net credit	2,794,887.84

COMMISSION OF ONTARIO

THUNDER BAY SYSTEMS

For the Year Ended October 31, 1946

Thunder Bay system	Distribution in rural power districts	Elimination of inter-departmental billings	Total
$ c.	$ c.	$ c.	$ c.
....	3,279,836.48	3,279,836.48	11,237,627.75
648,159.70	2,008,154.00	....	10,220,379.58
896,073.06	954,616.21	....	12,767,088.67
171,198.09	456,783.19	....	2,847,313.47
557,433.79	....	....	9,132,976.79
(90,335.81)	....	....	(90,335.81)
209,603.78	243,706.29	....	3,250,979.08
2,392,132.61	6,943,096.17	3,279,836.48	49,366,029.53
809,683.71	....	....	30,351,359.13
21,806.28	7,023,246.12	3,279,836.48	7,023,246.12
1,104,872.32	....	....	14,285,460.55
515,579.95	....	....	515,579.95
....	....	....	125,138.74
....	....	....	92.48
2,451,942.26	7,023,246.12	3,279,836.48	52,300,876.97
59,809.65	84,882.24	....	2,939,579.73
....	4,732.29	....	4,732.29
59,809.65	80,149.95	....	2,934,847.44

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

SOUTHERN ONTARIO SYSTEM

Embracing Niagara, Georgian Bay and Eastern Ontario Divisions

FIXED ASSETS—October 31, 1946

Property	Under construction	In service		Total
		Non-depreciable	Depreciable	
POWER PLANTS	$ c.	$ c.	$ c.	$ c.
Niagara Division:				
Niagara river:				
Queenston-Chippawa	565.18	46,668,135.21	28,734,678.82	75,403,379.21
Ontario Power	122.73	7,281,151.42	14,436,203.00	21,717,477.15
Toronto Power	18.77	3,823,379.60	7,618,491.39	11,441,889.76
Ottawa river:				
Chats Falls	201.84	818,263.01	6,372,273.45	7,190,738.30
Des Joachims	526,501.57			526,501.57
Power sites	50,002.00			50,002.00
Welland canal:				
DeCew Falls	2,597,117.69	6,527,420.13	9,688,669.65	18,813,207.47
Long Lake diversion		256,962.82	620,829.40	877,792.22
Ogoki diversion		2,790,000.00	2,077,232.19	4,867,232.19
Preliminary river surveys		30,242.35		30,242.35
Georgian Bay Division:				
Muskoka river: (below lake)				
Bala No. 1 and No. 2		29,191.00	43,216.77	72,407.77
Ragged Rapids	251.35	70,889.49	1,261,109.55	1,332,250.39
Big Eddy		170,434.74	1,123,218.39	1,293,653.13
Land and water rights		17,224.03		17,224.03
Severn river:				
Wasdells	4,344.03	13,752.32	178,089.04	196,185.39
Big Chute	312.87	122,540.48	562,911.57	685,764.92
Beaver river:				
Eugenia	105.68	142,538.73	1,191,754.16	1,334,398.57
Saugeen river:				
Hanover		10,000.00		10,000.00
Walkerton		100,372.31	117,123.34	217,495.65
Muskoka river: (above lake)				
South Falls	1,256.44	17,934.95	436,726.95	455,918.34
Trethewey Falls		51,549.45	305,718.47	357,267.92
Hanna Chute		33,256.73	207,504.10	240,760.83
Hollow Lake dam		17,674.24	29,540.16	47,214.40
Sauble river:				
Lands and rights		4,200.00		4,200.00
Credit river:				
Caledon		8,000.00	52,069.11	60,069.11
Miscellaneous	3.00			3.00
Eastern Ontario Division:				
Fenelon river:				
Fenelon Falls	4,810.66	60,000.00	88,789.83	153,600.49
Otonabee river:				
Auburn		31,400.00	290,275.05	321,675.05
Lakefield		19,620.05	217,248.84	236,868.89
Trent river:				
Heely Falls	1,877.60		1,202,042.81	1,203,920.41
Seymour			315,877.79	315,877.79
Ranney Falls		18,596.20	1,419,855.95	1,438,452.15

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

SOUTHERN ONTARIO SYSTEM

Embracing Niagara, Georgian Bay and Eastern Ontario Divisions

FIXED ASSETS—October 31, 1946

Property	Under construction	In service		Total
		Non-depreciable	Depreciable	
POWER PLANTS—(Continued)	$ c.	$ c.	$ c.	$ c.
Trent river—continued				
Crow river	....	1,000.00	....	1,000.00
Hagues Reach	....	....	573,262.30	573,262.30
Meyersburg	....	....	837,865.91	837,865.91
Sills Island	....	38,679.36	281,426.02	320,105.38
Frankford	873.42	....	252,398.83	253,272.25
Sidney	....	....	250,996.46	250,996.46
Mississippi river:				
High Falls	....	13,154.84	702,853.83	716,008.67
Galetta	178.22	20,000.00	127,888.21	148,066.43
Madawaska river:				
Barrett Chute	2,794.71	701,075.34	3,836,446.76	4,540,316.81
Calabogie	....	80,825.74	678,701.70	759,527.44
Stewartsville	2,422,153.45	....	....	2,422,153.45
Bark Lake dam	....	609,086.12	795,985.55	1,405,071.67
Kaminiskeg Lake dam	....	20,184.73	1,795.46	21,980.19
Undeveloped sites	....	470,000.00	....	470,000.00
Miscellaneous	60.97	....	46,071.28	46,132.25
Intangible	....	2,217,761.29	....	2,217,761.29
	5,613,552.18	73,306,496.68	86,977,142.09	165,897,190.95
TRANSFORMER STATIONS				
Niagara Division	2,616,716.15	....	50,151,351.06	52,768,067.21
Georgian Bay Division	43,361.61	....	2,442,648.33	2,486,009.94
Eastern Ontario Division	414,267.47	76,296.26	4,968,041.76	5,458,605.49
	3,074,345.23	76,296.26	57,562,041.15	60,712,682.64
TRANSMISSION LINES				
Niagara Division:				
Lines	630,588.57	....	29,638,055.80	30,268,644.37
Right-of-way	....	8,854,781.97	....	8,854,781.97
Georgian Bay Division	56,238.75	111,815.78	3,598,599.08	3,766,653.61
Eastern Ontario Division	271,509.84	666,605.09	7,154,481.20	8,092,596.13
	958,337.16	9,633,202.84	40,391,136.08	50,982,676.08
LOCAL SYSTEMS				
Niagara Division	....	....	117,217.12	117,217.12
Georgian Bay Division	....	....	123,206.61	123,206.61
Eastern Ontario Division	....	703.00	32,643.06	33,346.06
	....	703.00	273,066.79	273,769.79
Sub-total	9,646,234.57	83,016,698.78	185,203,386.11	277,866,319.46

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
SOUTHERN ONTARIO SYSTEM
Embracing Niagara, Georgian Bay and Eastern Ontario Divisions
FIXED ASSETS—October 31, 1946

Property	Under construction	In service		Total
		Non-depreciable	Depreciable	
RURAL POWER DISTRICT	$ c.	$ c.	$ c.	$ c.
H-E.P.C. investment		37,559.97	23,911,002.45	23,948,562.42
Government grants			23,520,194.63	23,520,194.63
		37,559.97	47,431,197.08	47,468,757.05
RURAL LINES				
Georgian Bay Division			922.02	922.02
	9,646,234.57	83,054,258.75	232,635,505.21	325,335,998.53

	Cost statements	Transfers for cost purposes	Fixed assets as above
	$ c.	$ c.	$ c.
Cost of Power schedules	277,703,414.75	162,904.71	277,866,319.46
Rural Operating schedules	24,111,467.13	*162,904.71*	23,948,562.42
Rural Lines schedules	922.02		922.02

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
THUNDER BAY SYSTEM
FIXED ASSETS—October 31, 1946

Property	Under construction	In service		Total
		Non-depreciable	Depreciable	
POWER PLANTS:	$ c.	$ c.	$ c.	$ c.
Nipigon river:				
Cameron Falls	1,034.12	857,418.84	9,096,092.32	9,954,545.28
Alexander	1,531.94	77,090.06	6,539,457.18	6,618.079.18
Virgin Falls dam		55,450.41	426,736.74	482,187.15
Aguasabon River:				
Aguasabon	654,255.30			654,255.30
	656,821.36	989,959.31	16,062,286.24	17,709,066.91
TRANSFORMER STATIONS	136,455.09	353,715.37	950.346.92	1,440,517.38
TRANSMISSION LINES	953,640.18	963,385.00	1,722,571.31	3.639,596.49
LOCAL SYSTEMS	1,096.16	91,055.91		92,152.07
Sub-total	1,748,012.79	2,398,115.59	18,735,204.47	22,881,332.85
RURAL POWER DISTRICT:				
H-E.P.C. investments			282,716.69	282,716.69
Government grants			282,716.69	282,716.69
			565,433.38	565,433.38
	1,748,012.79	2,398,115.59	19,300.637.85	23,446,766.23

	Cost statements	Fixed assets as above
Cost of Power schedules	22,881,332.85	22,881,332.85
Rural Operating schedules	282,716.69	282,716.69

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

ADMINISTRATIVE AND SERVICE BUILDINGS AND EQUIPMENT

FIXED ASSETS—October 31, 1946

Property	Under construction	In service		Total
		Non-depreciable	Depreciable	
ADMINISTRATIVE BUILDINGS:	$ c.	$ c.	$ c.	$ c.
Toronto:				
University avenue	5,981.68	319,607.94	2,776,981.42	3,102,571.04
SERVICE BUILDINGS AND EQUIPMENT:				
Toronto:				
Strachan avenue	....	....	639,168.14	639,168.14
1379 Bloor street west	....	....	50,000.00	50,000.00
Islington service centre	62,336.82	....	....	62,336.82
Cobourg	....	....	22,245.08	22,245.08
Hamilton	....	550,000.00	....	550,000.00
	62,336.82	550,000.00	711,413.22	1,323,750.04
	68,318.50	869,607.94	3,488,394.64	4,426,321.08

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

FIXED ASSETS—Summary, October 31,1946

System or Property	Under construction	In service		Total
		Non-depreciable	Depreciable	
	$ c.	$ c.	$ c.	$ c.
Southern Ontario system	9,646,234.57	83,054,258.75	232,635,505.21	325,335,998.53
Thunder Bay system	1,748,012.79	2,398,115.59	19,300,637.85	23,446,766.23
Service and administrative buildings and equipment	68,318.50	869,607.94	3,488,394.64	4,426,321.08
	11,462,565.86	86,321,982.28	255,424,537.70	353,209,085.84
Less: Grants in aid of construction—Province of Ontario for rural power districts	....	....	....	23,802,911.32
				329,406,174.52

THE HYDRO-ELECTRIC POWER

CHANGES IN FIXED ASSETS—

Class of asset	Balance at beginning of year	Expenditure during year
SOUTHERN ONTARIO SYSTEM		
POWER PLANTS		
Niagara Division:	$ c.	$ c.
Queenston-Chippawa	75,450,810.22	780.09
Ontario Power	21,724,157.35	1,799.80
Toronto Power	11,445,285.38	4,104.38
Chats Falls	7,190,536.46	201.84
Des Joachims	246,371.46	280,130.11
DeCew Falls	16,398,480.16	2,413,832.31
Ogoki diversion	4,856,062.57	11,169.62
Other properties	957,983.91	52.66
Georgian Bay Division:		
Eugenia	1,299,579.24	19,035.88
Ragged Rapids	1,331,999.04	251.35
Big Eddy	1,293,653.13	....
Big Chute	685,137.13	717.79
South Falls	454,661.90	1,256.44
Trethewey Falls	357,267.92	....
Other properties	758,030.05	4,264 90
Eastern Ontario Division:		
Hagues Reach	573,262.30	....
Auburn	321,675.05	....
Seymour	315,877.79	....
Ranney Falls	1,438,452.15	....
Heely Falls	1,202,813.99	1,176.42
Meyersburg	837,865.91	....
High Falls	716,158.67	....
Barrett Chute	4,516 782.95	23,498.86
Bark Lake dam	1,403,747.53	1.324.14
Calabogie	758,155.25	606.19
Stewartsville	30,087.81	2.392.035.64
Sills Island	320,105.38	....
Intangible and undeveloped sites	2,687,761.29	....
Other properties	1,161,982.30	8,469.82
	160,734,744.29	5,164,708.24
TRANSFORMER STATIONS		
Niagara Division	50,147,013.58	2,955,514.72
Georgian Bay Division	2,130,262.06	387,356.38
Eastern Ontario Division	4,947,483.27	633,233.29
	57,224,758.91	3,976,104.39
TRANSMISSION LINES		
Niagara Division:		
Lines	29,703,647.13	658,196.85
Right-of-way	8,852,416.49	16,604.61
Georgian Bay Division	2,828,245.96	1,013,522.57
Eastern Ontario Division	7,295,348.52	819,325.07
	48,679,658.10	2,507.649.10
LOCAL SYSTEMS		
Niagara Division	109,813.20	7,403.92
Georgian Bay Division	222,248.49	8,586.24
Eastern Ontario Division	30,436.10	3,210.27
	362,497.79	19,200.43
Sub-total	267,001,659.09	11,667,662.16

COMMISSION OF ONTARIO

During Year Ended October 31, 1946

Adjustment for equipment re-located	Retirements		Balance at end of year
	Values recovered (stores, sales and salvage)	Charged to reserves for renewals and contingencies	
$ c.	$ c.	$ c.	$ c.
8.90	*28,220.00*	*20,000.00*	75,403,379.21
...	...	*8,480.00*	21,717,477.15
...	...	*7,500.00*	11,441,889.76
...	...	...	7,190,738.30
...	...	...	526,501.57
1,220.00	...	*325,00*	18,813,207.47
...	...	...	4,867,232.19
...	...	...	958,036.57
16,740.00	*21.55*	*935.00*	1,334,398.57
...	...	...	1,332,250.39
...	...	...	1,293,653.13
...	...	*90.00*	685,764.92
...	...	...	455,918.34
...	...	...	357,267.92
104,859.50	*1,594.27*	...	865,560.18
...	...	...	573,262.30
...	...	...	321,675.05
...	...	...	315,877.79
...	...	...	1,438,452.15
70.00	...	...	1,203,920.41
...	...	...	837,865.91
...	...	*150.00*	716,008.67
70.00	*35.00*	...	4,540.316.81
...	...	...	1,405,071.67
766.00	...	...	759,527.44
30.00	...	...	2,422,153.45
...	...	...	320,105.38
...	...	...	2,687,761.29
270.00	...	*58,265.16*	1,111,916.96
123,354.40	*29,870.82*	*95,745.16*	165,897,190.95
35,010.00	*169,080.34*	*130,370.75*	52,768.067.21
25,412.71	*15,061.55*	*41,959.66*	2,486,009.94
55,709.83	*27,040.67*	*39,360.57*	5,458,605.49
65,307.12	*211,182.56*	*211,690.98*	60,712,682.64
23,337.90	*8,259.10*	*61,602.61*	30,268,644.37
1,591.00	*15,039.70*	*790.43*	8,854,781.97
33,144.00	*12,343.97*	*29,626.95*	3,766,653.61
6,289.33	*2,293.84*	*13,494.29*	8,092,596.13
61,180.23	*37,936.61*	*105,514.28*	50,982,676.08
...	...	...	117,217.12
107,602.84	*18.28*	*7.00*	123,206.61
...	*5.44*	*294.87*	33,346.06
107,602.84	*23.72*	*301.87*	273,769.79
110,735.79	*279,013.71*	*413,252.29*	277,866,319.46

CHANGES IN FIXED ASSETS—

Class of asset	Balance at beginning of year	Expenditure during year
SOUTHERN ONTARIO SYSTEM—(Continued)		
RURAL POWER DISTRICT	$ c.	$ c.
H.-E.P.C. investment	21,703,642.19	2,340,353.52
Government grants	21,295,803.14	2,319,946.78
	42,999,445.33	4,660,300.30
RURAL LINES		
Georgian Bay Division	922.02	....
Southern Ontario system—Total	310,002,026.44	16,327,962.46
THUNDER BAY SYSTEM:		
Power plants	16,960,969.61	763,637.80
Transformer stations	1,319,981.81	124,195.55
Transmission lines	2,687,478.13	952,461.86
Local systems	88,027.26	4,159.81
Sub-total	21,056,456.81	1,844,455.02
RURAL POWER DISTRICT		
H.-E.P.C. investment	273,372.74	9,488.45
Government grants	273,372.73	9,488.46
	546,745.47	18,976.91
Thunder Bay system—Total	21,603,202.28	1,863,431.93
SERVICE AND ADMINISTRATIVE BUILDINGS AND EQUIPMENT:		
Toronto—University avenue	2,974,453.54	128,082.50
—Elm and Centre streets	113,322.00	....
—Strachan avenue	586,623.76	55,485.83
Other properties and equipment	625,126.85	59,455.05
Total	4,299,526.15	243,023.38
Grand total	335,904,754.87	18,434,417.77
Less: Grants in aid of construction:		
Province of Ontario for rural power districts	21,569,175.87	2,233,735.45
Total fixed assets	314,335,579.00	16,200,682.32

COMMISSION OF ONTARIO

During Year Ended October 31, 1946

Adjustment for equipment re-located	Retirements		Balance at end of year
	Values recovered (stores, sales and salvage)	Charged to reserves for renewals and contingencies	
$ c.	$ c.	$ c.	$ c.
54,947.39	135,509.18	14,871.50	23.948,562.42
54,818.40	135,509.19	14,864.50	23,520,194.63
109,765.79	271,018.37	29,736.00	47,468.757.05
....	....	....	922.02
970.00	550,032.08	442,988.29	325,335,998.53
		*15,753.80	
935.00	28.21	693.49	17,709,066.91
....	0.29	3,659.69	1,440,517.38
....	....	343.50	3,639,596.49
....	....	35.00	92,152.07
935.00	28.50	20,485.48	22,881,332.85
....	....	144.50	282,716.69
....	....	144.50	282,716.69
....	....	289.00	565,433.38
935.00	28.50	20,774.48	23,446,766.23
35.00	....	....	3,102,571.04
....	80,000.00	33,322.00	....
....	....	2,941.45	639,168.14
....	....	....	684,581.90
35.00	80,000.00	36,263.45	4,426.321.08
....	630,060.58	500,026.22	353,209,085.84
....	....	....	23,802,911.32
....	630,060.58	500,026.22	329,406,174.52

Renewals............	282,600.87
Contingencies.........	201,671.55
*To operation..........	15,753.80
	500.026.22

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

RURAL POWER DISTRICTS

CAPITAL EXPENDITURES AND GRANTS—Summary at October 31, 1946

Statement showing the Total Capital Expenditures in Rural Power Districts to October 31, 1946; the Grants payable to the Commission by the Province of Ontario in respect thereto; and the amounts paid to the Commission on account of such Grants to October 31, 1946

	Accumulated total to October 31, 1945	During the year	Accumulated total to October 31, 1946
	$ c.	$ c.	$ c.
Total capital expenditures less retirements—			
Southern Ontario district	42,999,445.33	4,469,311.72	47,468,757.05
Thunder Bay district	546,745.47	18,687.91	565,433.38
	43,546,190.80	4,487,999.63	48,034,190.43
Northern Ontario Properties district	990,289.74	272,490.34	1,262,780.08
	44,536,480.54	4,760,489.97	49,296,970.51
Less: Portion of expenditures not subject to Provincial grant*—			
Southern Ontario district	407,839.06	20,528.73	428,367.79
Thunder Bay district	....	....	....
Northern Ontario Properties district	83,793.90	1,166.36	84,960.26
	*491,632.96	21,695.09	513,328.05
Balance of expenditures less retirements subject to Provincial grants (all districts)	44,044,847.58	4,738,794.88	48,783,642.46
Grants payable by the Province as authorized by Order-in-Council (50%)—			
Southern Ontario district and Thunder Bay district	21,569,175.87	2,233,735.45	23,802,911.32
Northern Ontario Properties district	453,247.92	135,661.99	588,909.91
	22,022,423.79	2,369,397.44	24,391,821.23
Amounts paid by the Province to the Commission on account of such authorized grants.	21,695,108.10	†1,950,000.00	23,645,108.10
Balance owing by the Province	327,315.69	419,397.44	746,713.13

*Grants not paid by the Province in respect of a summer resort, street lighting systems, service buildings, amounts paid for business already established and one transformer station

†Includes $327,315.69 in respect of 1945.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Account with The Provincial Treasurer of the Province of Ontario

As at October 31, 1946

ADVANCES FROM AND REPAYMENTS TO THE PROVINCE OF ONTARIO

	Total	Northern Ontario Properties operated for the Province of Ontario	Southern Ontario and Thunder Bay systems operated on a "cost basis"
	$ c.	$ c.	$ c.
ADVANCES FOR CAPITAL EXPENDITURES:			
Cash advances made by the Province to the Commission for capital expenditure purposes during the years 1909 to 1934, inclusive............	207,250,258.34	8,331,113.46	198,919.144.88
Cash returned by the Commission to the Province on April 30, 1935, to cover the difference between advances made by the Province to the Commission during the year ended October 31, 1934 and the capital expenditures made out of such advances by the Commission in that year.....	247,507.98	74,001.99	173,505.99
Total advances for capital expenditures.....	207,002,750.36	8,257,111.47	198,745,638.89
REPAYMENT OF ADVANCES—1926 to1933:			
Cash repayments made by the Commission annually to October 31, 1933, in accordance with the 1926 debt retirement plan...............	17,008,616.73	3,061.39	17,005,555.34
Balance of advances at October 31, 1934 (before deducting $2,412,398.33 on deposit with the Province at that date for debt retirement)....	189,994,133.63	8,254,050.08	181,740,083.55
REPAYMENT OF ADVANCES—1934 to 1946:			
Cash repayments made by the Commission under new retirement plan, equal to the maturities in the period November 1, 1934 to October 31, 1946, of Province of Ontario bonds allocated as issued for the Commission's purposes— Total to October 31, 1945.....$95,147,100.87 During the year ended October 31, 1946................. 2,879,705.62	98,026,806.49	2,756.146.43	95,270,660.06
Balance of advances at October 31, 1946.........	91,967,327.14	5,497,903.65	86,469,423.49
Payable in the following currencies:			
Canadian..............................	16,998,565.89	619,071.33	16,379,494.56
Sterling..............................	71,202.66	768.80	70,433.86
Canadian or United States..............	8,718,026.01	4,799.73	8,713,226.28
Canadian, United States or Sterling......	66,179,532.58	4,873,263.79	61,306,268.79
	91,967,327.14	5,497,903.65	86,469,423.49

THE HYDRO-ELECTRIC POWER

FUNDED DEBT as at

(Guaranteed as to principal and

Description	Date of maturity	Date of issue
2½% Serial debentures	Feb. 15, 1947/49	Feb. 15, 1941
2½% " "	May 1, 1947/49	May 1, 1942
3 % " "	Aug., 1, 1947	Aug. 1, 1942
3½% Debentures	April 1, 1947	April 1, 1937
1½% "	Sept. 1, 1947	Sept. 1, 1944
2½% "	Jan. 1, 1948	Jan. 1, 1943
2¼% "	Sept. 1, 1948	Sept. 1, 1943
2½% "	Feb. 1, 1949	Feb. 1, 1943
2 % "	Jan. 1, 1950	Jan. 1, 1945
3 % Serial debentures	May 1, 1950/52	May 1, 1942
3 % Debentures	Feb. 1, 1951	Feb. 1, 1943
3 % "	Jan. 1, 1953	Jan. 1, 1943
3¼% "	Feb. 1, 1953	Feb. 1, 1938
4 % "	Aug. 1, 1957	Aug. 1, 1917
4 % "	June 1, 1958	June 1, 1918
4 % "	Dec. 1, 1958	Dec. 1, 1918
3 % "	Jan. 1, 1960	Jan. 1, 1945
4¾% "	Jan. 1, 1970	Jan. 1, 1930
2¾% "	June 1, 1971	June 1, 1946
Total Funded Debt (at par of exchange)		

Funded Debt issued to finance:

Southern Ontario and Thunder Bay Systems	$72,789,400.00
Northern Ontario Properties	30,833,600.00
	$103,623,000.00

Summary of changes in funded debt during year ended October 31, 1946

Outstanding as at October 31, 1945	$106,898,000.00
Redemptions during the year	23,275,000.00
	$83,623,000.00
New bond issue during the year	20,000,000.00
Outstanding as at October 31, 1946	$103,623,000.00

COMMISSION OF ONTARIO

October 31, 1946

interest by the Province of Ontario)

Principal outstanding October 31, 1946	Where payable	Remarks
$ c.		
5,625,000.00	Canada	$1,875,000.00 maturing annually.
3,000,000.00	Canada	$1,000,000.00 maturing annually.
900,000.00	N.Y.	$900,000.00 maturing annually.
7,934,000.00	Canada	
2,000,000.00	N.Y.	
2,000,000.00	N.Y.	
4,500,000.00	N.Y.	
2,000,000.00	Canada	
5,000,000.00	Canada	
3,000,000.00	Canada	$1,000,000.00 maturing annually.
6,000,000.00	Canada	
5,000,000.00	N.Y.	Callable on or after Jan. 1, 1951 at 101.
9,000,000.00	Canada	Callable on or after Feb. 1, 1950 at 100
8,000,000.00	C., N.Y., L.	
200,000.00	Toronto	
100,000.00	Toronto	
7,500,000.00	Canada	Callable on or after Jan. 1, 1955 at 100.
11,864,000.00	Canada	
20,000,000.00	Canada	Callable at par, in whole or in part, June 1, 1961.
103,623,000.00		

Payable in the following currencies:

Canadian	$81,223,000.00
Canadian, United States, or Sterling	8,000,000.00
United States	14,400,000.00
	$103,623,000.00

THE HYDRO-ELECTRIC POWER

POWER ACCOUNTS RECEIVABLE

System or property	Wholesale consumers			
	Interim power bills	Accumulated amount standing as a charge or credit on October 31, 1946		Net total for wholesale consumers
		Charge	Credit	
	$ c.	$ c.	$ c.	$ c.
SOUTHERN ONTARIO SYSTEM:				
Municipalities	2,980,883.77		2,794,887.84	185,995.93
Companies	1,125,275.66			1,125,275.66
Local and rural				
	4,106,159.43		2,794,887.84	1,311,271.59
THUNDER BAY SYSTEM:				
Municipalities	116,997.50		59,809.65	57,187.85
Companies	111,953.13			111,953.13
Local and rural				
	228,950.63		59,809.65	169,140.98
Grand totals	4,335,110.06		2,854,697.49	1,480,412.57

Sundry Accounts Receivable

Arising from construction of works, sale of electrical equipment, etc.				

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

RENEWAL RESERVES—October 31, 1946

	Southern Ontario system	Thunder Bay system	Service and administrative buildings and equipment	Totals for power undertakings operated on a "cost basis"
	$ c.	$ c.	$ c.	$ c.
Balances at November 1, 1945	60,520,519.65	4,543,153.85	815,050.37	65,878,723.87
Provision in the year—direct	2,670,559.08	176,754.39		2,847,313.47
—indirect			32,696.89	32,696.89
Interest at 4% on reserve balances	2,419,774.91	181,726.16	22,493.92	2,623,994.99
Sub-total	65,610,853.64	4,901,634.40	870,241.18	71,382,729.22
Less:				
Expenditures in the year for renewals	99,020.01	54.11	4,195.86	103,269.98
Amount withdrawn in respect of assets removed from service, etc.	244,596.28	1,741.14	36,263.45	282,600.87
Adjustments for excess reserve on retirements	190,427.33			190,427.33
Sundry charges	10,276.99	(576.99)		9.700.00
Balances at October 31, 1946	65,066,533.03	4,900,416.14	829,781.87	70,796,731.04

COMMISSION OF ONTARIO

October 31, 1946

Retail power consumers local and rural districts	Net total of power accounts receivable	Balance sheet figures		Debit balances three months or more overdue
		Debit balances	Credit balances	
$ c.	$ c.	$ c.	$ c.	$ c.
....	185,995.93	655,759.45	469,763.52	....
....	1,125,275.66	1,125,275.66	....	....
1,395,103.47	1,395,103.47	1,395,103.47	....	10,926.34
1,395,103.47	2,706,375.06	3,176,138.58	469,763.52	10,926.34
....	57,187.85	57,257.18	69.33	....
....	111,953.13	116,408.06	4,454.93	....
16,225.64	16,225.64	16,225.64	....	1,948.67
16,225.64	185,366.62	189,890.88	4,524.26	1,948.67
1,411,329.11	2,891,741.68	3,366,029.46	474,287.78	12,875.01

—October 31, 1946

		$ c.		$ c.
....	....	542,380.22	....	12,109.11

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

CONTINGENCIES AND OBSOLESCENCE RESERVES—October 31, 1946

	Southern Ontario system	Thunder Bay system	Totals for power undertakings operated on a "cost basis"
	$ c.	$ c.	$ c.
Balances at November 1, 1945	40,000,747.75	4,009,492.75	44,010,240.50
Excess renewals provision accumulated against assets retired, transferred from renewals reserve	190,427.33	....	190,427.33
Profit on sale of investments, etc.	86,800.49	....	86,800.49
Provision in the year as per cost statement	8,575,543.00	557,433.79	9,132,976.79
Interest at 4% on reserve balances	1,596,268.25	154,673.52	1,750,941.77
Sub-total	50,449,786.82	4,721,600.06	55,171,386.88
Less:			
Contingencies met with during the year	684,046.23	58,338.47	742,384.70
Excess of fixed asset retirements over accumulated renewals provision	198,392.01	3,279.54	201,671.55
Balances at October 31, 1946	49,567,348.58	4,659,982.05	54,227,330.63

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS
STABILIZATION OF RATES RESERVES—October 31, 1946

	Southern Ontario system	Thunder Bay		Totals for power undertakings operated on a "cost basis"
		System	Mining area	
	$ c.	$ c.	$ c.	$ c.
Balances at November 1, 1945	16,314,963.40	456,996.31	371,914.19	17,143,873.90
Interest at 4% on reserve balances	652,598.53	18,279.85	14,876.57	685,754.95
Credits arising from the sale by the Commission during 1946 of all the shares of The Hamilton Street Railway Company:—				
Recovery of reserve against investment in The Hamilton Street Railway Company not required (created by Niagara system prior to amalgamation in the Southern Ontario system as approved in 1944) and to be held for the benefit of the municipalities comprising the Niagara division of the Southern Ontario system	1,545,949.64	....	....	1,545,949.64
Special dividends paid by The Hamilton Street Railway Company prior to closing the sale in order to distribute certain current assets as provided by the terms and conditions of sale	697,620.96	....	....	697,620.96
Deduct:	19,211,132.53	475,276.16	386,790.76	20,073,199.45
Amount appropriated re cost of power, in the year, to mining area	....	....	90,335.81	90,335.81
Balances at October 31, 1946	19,211,132.53	475,276.16	296,454.95	19,982,863.64

NOTE: The above amount of $19,211,132.53 includes special accounts of $1,545,949.64, $693,514.15 and $367,723.94 pertaining to municipalities of the Niagara, Eastern Ontario and Georgian Bay divisions respectively.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS
SINKING FUND RESERVES—October 31, 1946

	Southern Ontario system	Thunder Bay system	Service and administrative buildings and equipment	Totals for power undertakings operated on a "cost basis"
	$ c.	$ c.	$ c.	$ c.
Balances at November 1, 1945	81,231,828.05	4,392,584.61	860,557.11	86,484,969.77
Provision in the year—direct	3,038,449.91	212,529.17	....	3,250,979.08
—indirect	....	....	40,694.91	40,694.91
Interest at 4% on reserve balances	3,249,273.12	175,703.39	34,422.28	3,459,398.79
Balances at October 31, 1946	87,519,551.08	4,780,817.17	935,674.30	93,236,042.55

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENTS FOR MUNICIPALITIES RECEIVING POWER UNDER COST CONTRACTS

For the year ended October 31, 1946

STATEMENTS FOR EACH SYSTEM

Cost of Power	Credit or Charge
Sinking Fund	Rural Operating

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To October 31, 1946			Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c.	$ c.		$ c.	$ c.	$ c.
Acton	27.50	331,245.55	1,994.1	11,620.04	9,525.00	13,500.71
Agincourt	27.50	46,910.03	280.6	1,635.11	1,409.16	1,914.39
Ailsa Craig	35.50	36,365.47	183.8	1,071.04	1,360.51	1,479.81
Alexandria	39.00	95,446.33	415.3	2,420.04	2,866.92	3,915.29
Alliston	37.50	110,005.55	571.0	3,327.34	3,261.09	4,510.34
Almonte	28.00	76,352.44	459.3	2,676.44	2,651.39	3,141.57
Alvinston	39.00	37.470.14	164.0	955.66	1,608.39	1,539.16
Amherstburg	31.50	250,024.90	1,258.6	7,334.12	7,002.06	9,974.22
Ancaster Twp	26.00	103,357.15	545.9	3,181.07	2,896.56	3,964.50
Apple Hill	39.00	10,749.51	55.7	324.58	443.10	437.86
Arkona	39.00	25,940.48	82.1	478.41	817.63	1,066.51
Arnprior	25.00	228,191.12	1,586.9	9,247.20	6,651.56	9,292.11
Arthur	39.00	59,157.86	220.2	1,283.15	2,891.10	2,331.68
Athens	39.00	38,885.58	154.6	900.89	1,181.68	1,583.46
Aurora	27.00	285,806.13	1,788.5	10,421.96	7,784.14	11,548.50
Aylmer	29.00	183,236.30	1,111.1	6,474.61	5,943.10	7,687.78
Ayr	32.00	55,795.99	299.3	1,744.08	1,800.30	2,273.50
Baden	26.50	103,244.11	624.5	3,639.09	3,133.45	4,133.15
Barrie	26.50	737,579.60	5,357.3	31,218.10	17,979.58	28,899.62
Bath	39.00	19,682.51	62.5	364.20	595.41	788.06
Beachville	27.50	133,746.93	788.4	4,594.17	3,939.02	5,446.41
Beamsville	25.00	94,505.04	646.2	3,765.54	2,554.42	3,729.23
Beaverton	36.00	59,780.51	356.2	2.075.65	2,708.14	2,391.82
Beeton	39.00	36,726.94	130.3	759.29	1,204.04	1,523.84
Belle River	31.50	57,925.98	277.4	1,616.47	1,924.93	2,253.86
Belleville	22.00	1,079,391.23	8,953.5	52,173.91	30,349.29	43,875.50
Blenheim	30.50	144,136.16	781.4	4,553.38	4,927.92	5,815.76
Bloomfield	39.00	33,846.17	156.5	911.96	1,135.77	1,376.58
Blyth	39.00	38,110.47	166.6	970.81	1,478.94	1,524.20
Bobcaygeon	53.00	19,007.76	30.1	175.40	209.10	422.86
Bolton	31.00	55,080.46	294.5	1,716.11	1,806.40	2,236.44
Bothwell	35.50	39,728.78	183.9	1,071.62	1,619.27	1,613.42
Bowmanville	26.00	481,840.69	3,126.3	18,217.60	16,292.69	19,710.24
Bradford	39.00	71,478.88	364.9	2,126.35	2,699.20	2,923.62
Braeside	27.00	31,625.32	204.3	1,190.50	1,034.88	1,288.93
Brampton	25.00	541,094.16	3,757.0	21,892.82	15,278.52	22,112.68
Brantford	22.50	3,431,545.25	23,992.1	139,806.96	93,671.59	140,640.68
Brantford Twp	27.00	283,933.52	1,952.0	11,374.71	10,462.40	11,586.84
Brechin	39.00	15,501.91	68.2	397.42	606.88	627.78
Bridgeport	29.00	47,876.94	273.0	1.590.83	1,437.97	1,959.09

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* After crediting the amounts, totalling $2,337.94 required to reduce the costs of power to $39.00 per horsepower maximum.

SYSTEM

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,001.95	10,342.34	3,478.68	4,855.26	46,613.46	54,838.90	8,225 44
410.55	1,448.22	492.73	683.22	6,626.94	7,717.18	1,090 24
363.74	970.44	382.15	447.52	5,180.17	6,524.30	1,344 13
1,330.18	2,210.77	1,003.15	1,011.18	12,735.17	16,197.70	3,462.53
1,445.50	2,974.51	1,171.28	1,390.27	15,299.79	21,410.95	6,111.16
884.13	2,353 90	800.39	1,118.31	11,389.51	12,859.78	1,470.27
395.69	882 42	393.86	399.31	5,375.87	6,394.08	1,018.21
2,360.83	6,686.88	2,579.47	3,064.45	32,873.13	39,647.23	6,774.10
922.86	2,854.44	1,020.02	1,329.16	13,510.29	14,194.26	683.97
137.37	293.89	112.93	135.62	1,614.11	2,173.32	559.21
305.72	461.15	272.73	199.90	3,202.25	3,202.25	....
2,352.38	8,075.91	2,395.58	3,863.79	34,150.95	39,673.32	5,522.37
832.59	1,187.27	596.55	536.14	8,586.20	8,586.20	....
558.62	828.28	406.84	376.42	5,083.35	6,028.78	945.43
2,376.39	9,180.73	2,975.64	4,354.65	39,932.71	48,288.17	8,355.46
1,732.44	5,786.11	1,982.68	2,705.31	26,901.41	32,222.84	5,321.43
541.66	1,579.93	586.23	728.74	7,796.96	9,577.59	1,780.63
900.83	3,231.58	1,066.10	1,520.54	14,583.66	16,549.04	1,965.38
6,961.30	26,959.65	7,513.96	13,043.99	106,488.22	141,967.11	35,478.89
296.29	343.85	201.56	152.18	2,437.19	2,437.19	....
1,227.85	4,118.82	1,405.01	1,919.60	18,811.68	21,681.89	2,870.21
768.77	3,284.19	960.83	1,573.37	13,489.61	16,155.80	2,666.19
700.64	1,835.26	624.79	867.28	9,469.02	12.822.00	3,352.98
562.34	713.80	389.68	317.26	4,835.73	5,081.73	246.00
533.39	1,473.92	577.69	675.42	7,704.84	8,737.07	1,032.23
9,110.82	44,754.00	11,325.10	21,800.04	169,788.58	196,977.36	27,188.78
1,343.72	4,110.00	1,498.95	1,902.56	20,347.17	23,832.44	3,485.27
458.84	828.88	355.68	381.05	4,686.66	6,103.53	1,416.87
393.74	893.35	393.67	405.64	5,249.07	6,498.41	1,249.34
163.46	168.37	108.00	73.29	1,173.90	1,597.08	423.18
511.96	1,532.34	574.68	717.05	7,660.88	9,130.27	1,469.39
402.57	990.17	413.38	447.76	5,662.67	6,528.76	866.09
5,279.88	16,045.56	5,059.33	7,611.93	72,993.37	81,284.22	8,290.85
940.54	1,911.23	757.34	888.46	10,469.82	14,231.14	3,761.32
347.81	1,045.33	332.08	497.43	4,742.10	5,517.24	775.14
4,449.80	19,092.01	5,681.77	9,147.57	79,360.03	93,924.18	14,564.15
27,801.40	122,234.32	36,028.23	58,416.11	501,767.07	539,822.42	38,055.35
2,322.94	9,956.90	2,974.09	4,752.74	43,925.14	52,704.94	8,779.80
215.27	361.52	162.34	166.05	2,205.16	2,659.83	454.67
446.46	1,421.96	503.01	664.70	6.694.62	7,917.72	1,223.10

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To October 31, 1946			Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c.	$ c.		$ c.	$ c.	$ c.
Brigden	39.00	31,486.68	139.8	814.64	1,412.11	1,289.81
Brighton	27.50	97,117.29	633.0	3,688.62	2,958.38	3,955.35
Brockville	24.50	972,736.52	6,703.1	39,060.36	28,205.75	39,708.53
Brussels	39.00	49,922.36	228.1	1,329.19	1,850.51	2,001.49
Burford	28.00	53,998.87	332.7	1,938.71	1,832.96	2,200.48
Burgessville	39.00	19,983.84	92.7	540.18	868.92	821.07
Burlington	24.50	298,629.32	2,060.3	12,005.80	10,939.75	12,222.79
Caledonia	27.00	78,716.40	476.6	2,777.25	2,321.96	3,192.60
Campbellville	39.00	16,953.20	61.8	360.12	618.01	693.77
Cannington	34.50	47,919.89	292.3	1,703.29	1,941.80	1,929.14
Cardinal	26.50	71,098.57	444.0	2,587.28	1,892.72	2,667.02
Carleton Place	25.50	304,303.93	2,162.7	12,602.50	8,027.78	12,341.39
Cayuga	39.00	48,414.94	214.8	1,251.68	1,504.72	1,965.57
Chatham	25.50	1,384,361.87	8,598.9	50,107.58	42,045.21	55,904.78
Chatsworth	37.50	24,686.55	124.5	725.49	748.57	996.21
Chesley	31.00	118,614.37	726.1	4,231.14	3,079.53	4,776.96
Chesterville	30.00	70,594.39	402.5	2,345.45	2,333.91	2,875.62
Chippawa	21.50	49,791.78	440.2	2,565.14	1,688.22	2,025.63
Clifford	39.00	34,845.93	132.3	770.94	1,736.66	1,432.83
Clinton	30.50	149,286.72	833.5	4,856.98	4,800.23	6,094.39
Cobden	39.00	41,725.03	171.3	998.20	1,552.94	1,667.89
Cobourg	26.50	393,419.57	2,685.6	15,649.55	13,851.46	16,006.63
Colborne	30.50	51,747.65	304.1	1,772.05	1,812.07	2,102.97
Coldwater	33.50	37,820.86	208.8	1,216.72	1,009.63	1,511.49
Collingwood	27.50	422,390.97	2,774.0	16,164.68	11,306.62	16,748.03
Comber	38.50	40,367.82	180.1	1,049.48	1,569.69	1,626.55
Cookstown	35.50	21,800.51	120.1	699.85	638.40	893.79
Cottam	38.00	24,932.83	113.2	659.64	852.49	997.23
Courtright	39.00	16,560.78	64.9	378.19	648.79	680.66
Creemore	38.50	37,721.83	201.6	1,174.77	1,316.49	1,503.27
Dashwood	34.00	30,549.31	145.6	848.44	1,012.22	1,247.29
Delaware	29.00	15,905.02	98.0	571.07	608.41	648.20
Delhi	31.00	130,577.63	732.7	4,269.60	4,002.35	5,318.75
Deseronto	35.00	56,274.85	306.7	1,787.20	1,881.10	2,281.76
Dorchester	33.00	24,036.69	136.2	793.67	816.13	972.51
Drayton	39.00	47,606.86	168.5	981.88	2,067.09	1,956.34
Dresden	32.50	123,785.48	601.4	3,504.48	4,001.28	4,997.06
Drumbo	31.50	23,923.76	134.0	780.85	990.73	979.82
Dublin	39.00	11,071.49	55.7	324.58	426.81	450.52
Dundalk	31.00	50,101.30	288.5	1,681.15	1,519.88	1,879.80

SYSTEM *S.O.—COST OF POWER*

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
330.49	752.30	330.96	340.39	4,589.92	5,451.57	861.65
1,060.24	3,259.99	1,019.76	1,541.23	14,401.11	17,407.74	3,006.63
10,113.95	34,030.03	10,212.41	16,320.75	145,010.28	164,226.35	19,216.07
505.24	1,217.47	515.24	555.38	6,863.76	8,894.63	2,030.87
481.77	1,722.48	567.17	810.06	7,933.51	9,316.78	1,383.27
208.24	493.04	210.04	225.71	2.915.78	3,613.69	697.91
2,463.81	10,495.67	3,132.61	5,016.43	46,244.00	50,477.99	4,233.99
706.54	2,474.23	820.93	1,160.43	11,133.08	12,857.31	1,734.23
192.81	340.97	177.43	150.47	2,232.64	2,411.53	178.89
552.21	1,500.21	500.74	711.69	7,415.70	10.083.78	2,668.08
693.97	2,270.71	689.11	1,081.05	9,719.76	11,764.90	2,045.14
3,072.22	10,984.55	3,194.41	5,265.76	44,957.09	55,148.86	10,191.77
510.85	1,149.98	505.06	523.00	6,364.86	8,376.57	2,011.71
11,772.19	44,439.05	14,378.77	20,936.66	197,710.92	219,271.30	21,560.38
320.72	663.42	258.31	303.13	3,409.59	4,670.32	1,260.73
1,363.37	3,737.74	1,239.47	1,767.91	16,660.30	22,510.39	5,850.09
846.82	2,093.60	739.33	980.01	10.254.72	12,074.25	1,819.53
341.17	2,183.41	522.43	1,071.80	8,254.20	9,463.59	1,209.39
385.99	724.63	366.49	322.12	5,095.42	5.160.04	64.62
1,399.62	4,347.06	1,569.24	2,029.41	21,038.11	25,420.47	4,382.36
581.36	922.48	430.99	417.08	5,736.78	6,680.73	943.95
4,125.92	13,725.04	4,130.44	6,538.92	60,950.12	71,167.74	10,217.62
611.18	1,591.10	543.51	740.42	7,692.46	9,274.05	1,581.59
466.27	1,088.23	395.50	508.39	5,179.45	6,996.21	1,816.76
4,499.32	14,104.52	4,361.81	6,754.15	60,430.83	76,283.87	15,853.04
422.19	966.42	420.91	438.51	5,616.73	6,933.20	1,316.47
277.30	627.60	232.28	292.42	3,076.80	4,263.83	1,187.03
249.01	606.50	257.75	275.62	3.347.00	4,300.64	953.64
182.58	353.82	174.11	158.02	2,260.13	2.530.16	270.03
467.89	1,044.85	391.18	490.86	5,407.59	7,760.02	2,352.43
314.28	774.66	321.06	354.51	4,163.44	4,950.12	786.68
141.67	507.32	167.06	238.61	2,405.12	2,842.73	437.61
1,230.63	3.823.11	1,371.60	1,783.98	18,232.06	22,713.44	4,481.38
698.10	1,616.20	591.17	746.76	8,108.77	10,733.60	2,624.83
225.88	709.66	252.53	331.62	3,438.76	4,493.26	1,054.50
539.63	937.00	500.48	410.26	6,572.16	6,572.16	....
1,227.79	3,214.33	1,289.57	1,464.29	16,770.22	19,544.96	2,774.74
227.48	700.11	251.91	326.26	3,604.64	4,220.99	616.35
109.96	297.30	116.40	135.62	1,589.95	2,171.02	581.07
531.92	1,482.57	487.32	702.44	6.880.20	8,942.99	2.062.79

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year To October 31, 1946	Share of capital cost of system	Average horse-power supplied in year after correction for power factor	Share of operating		
				Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c.	$ c.		$ c.	$ c.	$ c.
Dundas	22.50	466,977.40	3,303.0	19,247.27	11,490.74	18,876.10
Dunnville	25.00	256,386.56	1,694.1	9,871.87	7,189.03	10,811.69
Durham	32.50	88,683.90	493.5	2,875.73	2,938.61	3 512.40
Dutton	31.50	51.966.64	298.5	1,739.42	1,973.75	2,112.39
East York Twp	24.00	1,698,708.30	11,950.6	69,638.63	43,474.51	69,146.93
Elmira	28.50	255,534.79	1,659.0	9,667.34	7,491.62	10,374.29
Elmvale	33.00	37,348.12	192.9	1,124.07	1,445.47	1,437.88
Elmwood	39.00	21,380.77	102.3	596.12	777.45	873.91
Elora	29.50	100,335.00	550.3	3,206.71	3,277.09	4,097.37
Embro	31.50	35,105.95	187.8	1,094.35	1,272.54	1,436.00
Erieau	39.00	52.998.13	201.8	1,175.93	1,706.16	1,987.12
Erie Beach	39.00	8,195.45	28.1	163.75	372.99	307.92
Essex	30.50	145,102.64	745.2	4,342.44	4,121.25	5,802.18
Etobicoke Twp	24.00	1.753,972.61	12,166.3	70,895.56	49,334.64	71,616.00
Exeter	30.00	170,895.40	953.3	5,555.08	5,303.67	6,980.99
Fergus	27.50	265,541.89	1,635.8	9,532.15	8,957.61	10,858.80
Finch	38.50	26,002.68	133.9	780.26	967.15	1,051.39
Flesherton	39.00	17,750.27	98.7	575.15	735.58	692.48
Fonthill	28.00	38,528.96	249.6	1,454.47	1,162.58	1,566.20
Forest	36.50	141,400.11	725.4	4,227.06	5,034.25	5,712.18
Forest Hill	22.00	1,170,994.24	8,449.6	49,237.58	29,735.30	47,420.84
Galt	22.50	1,897,590.73	13.130.6	76,514.74	52,227.78	77,857.00
Georgetown	29.00	423,863.45	2,411.6	14,052.90	12,879.26	17,284.01
Glencoe	39.00	66,815.53	255.1	1,486.52	2,519.71	2,718.64
Goderich	32.50	396,384.92	1,966.0	11,456.29	11,694.73	16,178.98
Grand Valley	39.00	46,942.97	207.1	1,206.81	1,843.84	1,817.68
Granton	38.00	16,459.07	78.3	456.27	666.39	668.59
Gravenhurst	25.00	220,906.25	1,575.9	9,183.10	5,572.81	8,942.77
Grimsby	26.00	173,231.38	1,133.7	6,606.31	5,236.35	7,075.50
Guelph	23.00	1,939,793.74	13,622.8	79,382.89	56,731.09	79,429.09
Hagersville	28.00	196,823.39	1,095.3	6,382.54	5,047.55	7,999.19
Hamilton	20.50	21,237,825.82	156,071.1	909,458.79	513,429.85	865,521.45
Hanover	27.00	237,210.38	1,675.1	9,761.16	6,017.50	9,509.74
Harriston	34.50	124,667.09	591.8	3,448.54	4.467.00	5,104.72
Harrow	33.50	145,278.03	691.6	4,030.10	4,229.10	5,796.41
Hastings	37.00	32,709.42	177.5	1,034.33	1,105.06	1,331.67
Havelock	39.00	46,069.38	218.0	1,270.33	1,613.33	1,887.34
Hensall	37.50	62,917.72	274.3	1,598.40	1,970.00	2,579.15
Hespeler	24.00	458,313.89	3,181.5	18,539.26	12,868.31	18.716.65
Highgate	36.50	24.930.86	115.0	670.13	904.80	1.008.51

SYSTEM

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c
3,701.89	16,782.82	4,850.63	8,042.16	66,907.29	74,317.50	7.410.21
2,424.25	8,656.35	2,774.39	4,124.81	37,602.77	42,352.90	4,750.13
1,057.50	2,548.31	911.32	1,201.58	12,642.29	16,038.22	3,395.93
484.36	1,558.09	545.94	726.79	7,687.16	9,403.27	1,716.11
12,997.32	60,577.11	17,834.92	29,097.39	244,572.03	286,814.60	42,242.57
2,181.94	8,504.34	2,683.92	4,039.34	36,864.11	47,281.74	10,417.63
444.16	1,004.65	372.44	469.67	5,359.00	6,365.71	1,006.71
285.48	551.90	223.80	249.08	3,059.58	3,990.06	930.48
962.28	2,888.16	1,053.95	1,339.87	14.145.69	16,233.85	2.088 16
341.18	988.41	368.87	457.26	5,044.09	5,916.22	872.13
526.56	1,094.02	513.13	491.35	6,511.57	7,870.57	1,359.00
83.63	154.21	78.70	68.42	1,092.78	1,094.63	1.85
1,353.82	3,945.05	1,496.38	1,814.42	19,246.70	22,728.09	3,481.39
14,343.00	62,036.42	18,372.73	29,622.58	256,975.77	291,990.00	35,014.23
1,620.85	4,982.50	1,795.49	2,321.10	23,917.48	28,598.50	4,681.02
2,369.79	8,424.44	2,788.50	3,982.86	38,948.43	44,984.73	6,036.30
332.07	697.09	272.46	326.02	3,774.40	5,153.23	1,378.83
208.10	508.41	180.47	240.32	2,659.87	3,847.69	1,187.82
345.71	1,276.25	404.66	607.73	5,602.14	6,988.32	1,386.18
1,385.18	3,836.31	1,485.87	1,766.21	19,914.64	26,477.09	6.562.45
8,548.81	42,662.24	12,178.01	20,573.14	169.209.64	185,891.51	16,681.87
15,507.91	66,973.60	19,925.88	31,970.47	277,036.44	295,438.87	18,402.43
3,979.46	12,560.82	4,451.99	5,871.78	59,336.66	69,935.43	10,598.77
734.02	1,394.69	696.68	621.12	8,929.14	9,950.57	1,021.43
3,965.18	10,374.02	4,167.45	4.786.83	53,049.82	63,894.46	10,844.64
609.14	1,094.90	469.50	504.25	6,537.62	8,077.25	1,539.63
169.47	416.15	172.98	190.65	2,359.20	2,973.50	614.30
2,228.25	7,950.87	2,305.34	3,837.01	32,346.13	39,397.91	7,051.78
1,535.76	5,800.04	1,816.96	2,760.34	25,310.58	29,477.28	4,166.70
15,661.05	69,445.00	20,362.21	33.168.87	287,842.46	313,324.08	25,481.62
1,862.56	5,738.55	2,054.27	2,666.84	26,417.82	30,668.40	4,250.58
163,821.92	790,233.10	221,382.56	380,002.88	3,083,844.79	3,199,458.03	115.613.24
2,416.48	8,496.04	2,475.72	4.078.54	34,598.10	45,227.72	10,629.62
1,258.56	3,163.39	1,310.79	1,440.92	17,312.08	20,417.67	3,105.59
1,414.60	3,703.53	1,499.78	1,683.91	18,989.61	23,168.90	4,179.29
406.83	928.53	343.61	432.18	4.717.85	6,567.20	1,849.35
617.60	1,155.14	484.11	530.79	6,497.06	8,501.06	2,004.00
672.55	1.468.01	661.36	667.87	8.281.60	10,286.88	2.005.28
3,735.52	16,223.82	4,812.54	7,746.34	67,149.76	76,356.80	9,207.04
253.69	613.76	259.86	280.00	3,430.75	4,196.59	765.84

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To October 31, 1946			Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c.	$ c.		$ c.	$ c.	$ c.
Holstein	39.00	7,064.30	23.2	135.19	232.51	286.60
Humberstone	24.00	98,390.51	649.4	3,784.19	2,731.31	4,027.86
Huntsville	28.00	239,099.56	1,426.6	8,313.10	6,553.28	9,711.67
Ingersoll	25.00	567.102.60	3,723.1	21,695.28	16,624.95	23,180.85
Iroquois	25.50	50,127.01	364.9	2,126.35	1,657.41	2,035.80
Jarvis	34.50	45,652.39	197.0	1,147.96	1,335.58	1,867.13
Kemptville	32.00	88,094.98	465.2	2,710.82	3,301.73	3,620.87
Kincardine	35.50	173,105.99	907.5	5,288.20	5,335.90	7.030.92
Kingston	22.50	2,414,539.82	18,962.6	110,499.02	67,228.58	98,301.03
Kingsville	32.50	163,874.37	793.0	4,620.98	4,616.24	6,561.46
Kirkfield	39.00	8,913.79	26.4	153.84	191.56	365.63
Kitchener	22.50	4,269,866.76	30,011.5	174,883.26	110,541.74	174,825.04
Lakefield	25.00	79,627.22	527.1	3,071.52	2,475.30	3,260.53
Lambeth	32.00	33,087.13	177.9	1,036.66	1,049.61	1,352.43
Lanark	39.00	39,607.61	131.0	763.36	1,155.73	1,630.11
Lancaster	39.00	15.627.98	61.7	359.54	614.77	637.13
LaSalle	31.00	75,073.96	380.9	2,219.58	2,327.07	3,205.97
Leamington	32.00	484,952.89	2,322.8	13,535.44	13,642.13	19,149.55
Lindsay	26.50	634,777.82	3,856.9	22,474.96	21,863.12	25,919.51
Listowel	30.00	306,818.87	1,684.7	9,817.10	9,965.28	12,535.61
London	22.50	6,706.559.74	47,121.9	274,589.12	177,323.39	274,847.32
London Twp	27.00	107,328.26	657.7	3,832.55	3,276.72	4,383.73
Long Branch	24.50	279,642.47	1,908.1	11,118.90	8,141.93	11,414.26
Lucan	31.00	44,083.25	256.8	1,496.43	1,485.93	1,795.24
Lucknow	39.00	105,856.16	497.0	2,896.12	3,130.89	4,285.70
Lynden	31.00	23,707.11	135.5	789.59	829.82	954.22
Madoc	39.00	48,715.23	279.3	1,627.54	2,453.67	1,978.87
Markdale	31.50	36,187.36	232.5	1,354.83	1,354.32	1,452.90
Markham	28.00	80,027.67	477.0	2,779.58	2,355.30	3,235.57
Marmora	33.00	31,520.28	170.0	990.63	1,347.93	1,280.75
Martintown	36.00	9,552.68	58.4	340.31	439.23	381.17
Maxville	39.00	28,414.11	138.9	809.40	896.40	1,218.75
Meaford	32.50	164,581.53	942.0	5,489.23	5,140.49	6,685.88
Merlin	34.00	26,008.20	127.1	740.64	969.56	1,052.53
Merritton	20.00	1,214,643.43	10,071.8	58,690.47	31,488.20	49,634.33
Midland	26.00	599,356.60	4,368.8	25,457.91	16,540.01	23,985.19
Mildmay	35.50	35,836.80	192.8	1,123.49	1,133.74	1,441.19
Millbrook	31.50	28,982.87	146.1	851.36	811.99	1,219.51
Milton	28.00	268,225.53	1,728.1	10,070.00	8,678.76	10,898.94
Milverton	30.50	99,833.43	518.3	3.020.24	3,087.09	4.085.30

SYSTEM *S.O.—COST OF POWER*

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
107.62	127.04	73.33	56.49	905.80	905.80	....
864.75	3,347.40	1,033.31	1,581.16	14,207.66	15,586.60	1,378.94
2,799.58	7,315.31	2,498.89	3,473.49	33,718.34	39,943.41	6,225.07
4,830.78	19,101.63	5,955.78	9,065.02	82,324.25	93,077.28	10,753.03
494.06	1,818.71	526.18	888.46	7,800.05	9,305.60	1,505.55
488.79	1,064.12	477.43	479.66	5,901.35	6,796.50	895.15
1,113.62	2,428.65	925.51	1,132.67	12,968.53	14,885.60	1,917.07
2,232.76	4,718.17	1,827.52	2,209.59	24,223.88	32,216.54	7,992.66
21,865.77	95,112.17	25,338.50	46,170.26	372,174.81	426,659.04	54,484.23
1,581.44	4,237.68	1,691.20	1,930.80	21,378.20	25,773.60	4,395.40
141.59	148.40	93.51	64.28	1,030.25	1,030.25	....
34,179.66	152,888.22	44,837.52	73,072.19	619,083.25	675,258.55	56,175.30
858.00	2,690.11	836.06	1,283.39	11,908.13	13,176.65	1,268.52
320.41	931.49	347.66	433.15	4,605.11	5,693.88	1,088.77
609.60	724.95	416.47	318.96	4,981.26	5,110.01	128.75
224.33	331.56	163.09	150.23	2,180.19	2,404.69	224.50
780.74	2,045.21	827.16	927.42	10,478.31	11,808.42	1,330.11
4,612.71	12,347.51	4,940.02	5,655.57	62,571.79	74,328.28	11,756.49
7,320.73	19,851.65	6,666.54	9,390.80	94.705.71	102.208.51	7,502.80
2,861.66	8,854.97	3,225.25	4,101.92	43,157.95	50,540.75	7,382.80
54,006.16	240,166.02	70,420.03	114,732.69	976,619.35	1,060,241.80	83,622.45
959.63	3,402.95	1,127.38	1,601.37	15,381.59	17.758.16	2,376.57
2,327.50	9,746.30	2,933.07	4,645.85	41,036.11	46,747.43	5,711.32
407.34	1,340.09	463.11	625.26	6,362.88	7,960.05	1,597.17
1,427.56	2,621.30	1,108.67	1,210.10	14,260.14	19,382.38	5,122.24
220.78	706.00	247.38	329.92	3,417.87	4,199.47	781.60
585.39	1,452.49	511.86	680.04	7,929.78	10,892.07	2,962.29
400.66	1,183.70	377.98	566.09	5,558.30	7,324.29	1,765.99
690.30	2,465.31	833.28	1,161.40	11,197.94	13,355.53	2,157.59
393.51	899.21	331.13	413.92	4,829.24	5,610.58	781.34
107.54	300.74	99.20	142.19	1,526.00	2,100.90	574.90
401.89	740.93	312.87	338.19	4,042.05	5,416.80	1,374.75
2,008.84	4,853.48	1,734.41	2,293.59	23,618.74	30,614.99	6,996.25
257.20	676.25	270.93	309.46	3,657.65	4,320.25	662.60
8,778.46	50,357.72	12,726.54	24,522.88	187,152.84	201,436.49	14,283.65
5,916.24	21,930.16	6,253.57	10,637.18	89,445.90	113,589.44	24,143.54
446.14	1,005.56	373.40	469.43	5,054.09	6,844.42	1,790.33
392.59	784.04	313.22	355.73	4,016.98	4,602.43	585.45
2,336.34	8,838.20	2,816.71	4,207.59	39,431.36	48,387.24	8.955.88
961.99	2,754.27	1,049.53	1,261.96	13,696.46	15,806.87	2,110.41

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To October 31, 1946			Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c.	$ c.		$ c.	$ c.	$ c.
Mimico	23.00	489,537.78	3 578.5	20,852.66	14,094.69	20,016.47
Mitchell	28.00	149,557.06	904.3	5,269.54	4,838.87	6,104.02
Moorefield	39.00	33,158.68	116.9	681.20	1,314.72	1,363.63
Morrisburg	28.00	69,015.93	452.9	2,639.14	2,114.95	2,802.58
Mount Brydges	31.50	24,130.57	139.2	811.15	951.37	985.77
Mount Forest	38.50	158,325.20	710.7	4,141.40	4,830.75	6,194.68
Napanee	25.50	255,305.39	1,783.9	10,395.16	9,490.63	10,399.67
Neustadt	36.00	8,149.71	47.6	277.38	454.26	327.01
Newbury	39.00	11 149.68	49.7	289.61	497.84	453.94
Newcastle	29.50	47,349.98	286.2	1,667.75	1,359.73	1,936.00
New Hamburg	27.50	147,975.80	780.6	4,548.72	3,994.05	5,375.97
Newmarket	27.25	390,319.67	2,393.2	13,945.67	11,074.61	15,832.43
New Toronto	24.50	1,523,847.84	9,607.9	55,987.23	44,574.21	62,472.61
Niagara Falls	17.75	1,242,942.22	12,709.6	74,061.48	32,511.94	50,799.74
Niagara-on-the-Lake	22.50	127,077.05	1,051.9	6,129.64	3,638.83	5,169.85
North York Twp.	24.00	1,887,319.91	12,675.6	73,863.36	51,285.80	76,422.11
Norwich	29.00	97,756.75	574.5	3,347.73	3,118.71	3,981.64
Norwood	31.50	37,121.18	244.0	1,421.84	1,264.49	1,518.01
Oil Springs	35.00	38,924.86	201.5	1,174.18	1,443.40	1,577.18
Omemee	30.00	46,391.20	269.3	1,569.27	1,375.56	1,877.94
Orangeville	37.50	192,235.47	1,006.3	5,863.92	6,316.56	7,296.19
Orono	37.00	23,533.45	124.9	727.82	817.93	954.64
Oshawa	26.00	2,911,495.13	19,526.5	113,784.98	94,363.39	118,627.07
Ottawa (11,000 volt)	....	964.69	19,825.2	218,076.80	20,047.04	39.77
Ottawa	21.50	2,360,827.11	21,269.1	123,939.47	64,961.64	95,701.16
Otterville	33.00	28,825.74	145.9	850.19	992.40	1,179.28
Owen Sound	27.00	1.220,935.05	7,998.6	46,609.51	30,875.32	49.238.77
Paisley	39.00	40.282.83	195.4	1.138.64	1,362.32	1,633.21
Palmerston	33.00	142,616.17	710.9	4,142.56	4,956.18	5,824.86
Paris	23.00	328,034.32	2,263.6	13,190.47	9,438.30	13,446.00
Parkhill	39.00	73,789.70	316.7	1,845.48	2,814.72	3.018.07
Penetanguishene	28.50	201,719.11	1,331.0	7,756.01	5,641.28	8,122.18
Perth	25.00	310.230.11	2,115.4	12,326.88	8,889.40	12,645.92
Peterborough	22.00	2,540,966.49	19,729.4	114,967.32	69,551.88	103,696.52
Petrolia	32.50	239,970.39	1,300.7	7,579.45	7,939.37	9,744.29
Picton	31.50	302,731.77	1,753.8	10,219.76	9,516.22	12,325.59
Plattsville	36.00	45,973.25	184.6	1,075.71	1,420.71	1,663.02
Point Edward	32.00	270,696.53	1,650.8	9,619.56	13,179.63	10,973.86
Port Colborne	24.00	342,972.87	2,263.7	13,191.05	9,073.71	14,042.82
Port Credit	25.50	179,571.35	1,196.5	6,972.25	5,331.08	7,327.72

SYSTEM *S.O.—COST OF POWER*

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,850.66	18,124.34	5,139.64	8,712.95	73,365.51	82,304.49	8,938.98
1,332.35	4,685.39	1,571.86	2,201.79	21,600.24	25,320.17	3,719.93
376.33	650.38	348.59	284.63	4,450.22	4,558.47	108.25
749.20	2,327.76	724.68	1,102.72	10,255.59	12,680.51	2,424.92
224.33	724.44	253.51	338.93	3,611.64	4,384.02	772.38
2,076.21	3,740.35	1,603.71	1,730.42	20,856.68	27,361.61	6,504.93
2,620.18	9,110.74	2,680.22	4,343.45	40,353.15	45,489.03	5,135.88
96.85	244.95	85.19	115.90	1,369.74	1,713.60	343.86
114.98	267.06	116.06	121.01	1,618.48	1,938.64	320.16
548.14	1,486.09	497.27	696.84	6,798.14	8,444.13	1,645.99
1,198.16	4,051.00	1,383.24	1,900.61	18,650.53	21,466.73	2,816.20
3,298.08	12,312.42	4,064.71	5,826.98	54,700.94	65,215.83	10,514.89
13,472.01	49,703.72	15,999.05	23,393.37	218,815.46	235.394,26	16,578.80
6,930.64	62,147.34	13,033.97	30,945.41	208,539.70	225,594.95	17,055.25
936.70	5,205.42	1,333.64	2,561.17	19,852.91	23,667.00	3,814.09
14,770.09	64,527.87	19,634.60	30,862.63	269,641.20	304,213.20	34,572.00
899.17	2,990.30	1,026.94	1,398.80	13,965.69	16,660.72	2,695.03
402.40	1,256.81	389.77	594.09	5,659.23	7,686.29	2,027.06
379.48	1,068.41	409.02	490.61	5,561.06	7,051.35	1,490.29
547.77	1,401.57	484.75	655.69	6,601.17	8,080.25	1,479.08
2,235.88	5,195.47	1,900.15	2,450.15	26,358.02	37,736.27	11,378.25
296.60	655.71	247.23	304.11	3,395.82	4,619.75	1,223.93
31,017.01	99,540.72	30,567.78	47,543.24	440,357.71	507,688.33	67,330.62
19.30	4.82	10.16	....	238,197.89	238,197.89	....
17,737.04	105,482.64	24,762.05	51,786.14	380,797.86	457,285.80	76,487.94
288.34	769.41	302.91	355.24	4,027.29	4,814.71	787.42
13,303.80	40,651.06	12,750.88	19,475.04	173,954.30	215,962.23	42,007.93
534.15	1,026.33	421.61	475.76	5,640.50	7,621.60	1,981.10
1,403.15	3,783.65	1,498.29	1,730.90	19,877.79	23,459.73	3,581.94
2,687.39	11,548.48	3,444.38	5,511.43	48,243.59	52,062.41	3,818.82
793.69	1,699.94	775.66	771.10	10,176.46	12,351.34	2,174.88
2,184.84	6,754.87	2,106.55	3,240.73	29,325.00	37,932.56	8,607.56
3,256.67	10,779.55	3,257.03	5,150.59	46,004.86	52,883.94	6,879.08
23,325.18	99,051.91	26,665.98	48,037.27	389,221.52	434,047.17	44,825.65
2,280.16	6,851.11	2,521.37	3,166.95	33,748.80	42,354.08	8,605.28
3,610.61	9,051.42	3,179.73	4,270.16	43,633.17	55,246.03	11,612.86
429.15	986.59	428.32	449.47	5,554.03	6,645.60	1,091.57
2,385.91	8,561.86	2,843.42	4,019.38	43,544.86	52,826.68	9,281.82
3,014.38	11,668.49	3,601.95	5,511.67	49,080.73	54,328.40	5,247.67
1,525.80	6,134.64	1,885.77	2,913.25	26,264.01	30,509.69	4,245.68

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To October 31, 1946			Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c.	$ c.		$ c.	$ c.	$ c.
Port Dalhousie	24.50	164,266.40	1,169.3	6,813.75	5,283.62	6,690.05
Port Dover	31.00	129,777.69	683.3	3,981.73	4,716.52	5,215.09
Port Elgin	34.00	139,523.00	652.7	3,803.42	4,055.80	5,650.16
Port Hope	26.00	453,974.88	3,169.6	18,469.92	17,930.46	18,530.15
Port McNicoll	32.00	19,334.17	129.4	754.04	652.66	773.55
Port Perry	39.00	78,581.47	410.5	2,392.07	3,103.43	3.153.89
Port Rowan	34.50	32,044.84	145.1	845.53	1,349.22	1,317.95
Port Stanley	32.50	165,398.46	830.6	4,840.08	5,407.57	6,531.72
Prescott	25.00	239,272.32	1,602.2	9,336.35	6,366.50	9,737.15
Preston	23.00	643,693.83	4,540.5	26,458.44	17,907.78	26,343.47
Priceville	39.00	2,871.56	11.7	68.18	192.16	100.63
Princeton	37.50	41,220.24	181.2	1,055.89	1,476.41	1,687.39
Queenston	23.00	19,421.17	161.1	938.76	663.72	792.99
Renfrew	28.00	124,953.80	853.9	4,975.85	5,418.56	5,117.04
Richmond	39.00	22,654.96	99.9	582.14	713.15	923.37
Richmond Hill	24.00	111,210.91	689.3	4,016.69	2,893.12	4,527.18
Ridgetown	30.50	131,950.95	710.0	4,137.32	4,500.77	5,323.10
Ripley	39.00	40,185.82	154.3	899.14	1,358.97	1 647.09
Riverside	30.00	318,910.84	1,598.7	9,315.96	8,892.03	12,707.87
Rockwood	31.00	34,620.64	187.0	1,089.69	1,051.95	1,418.17
Rodney	39.00	42,857.08	186.3	1,085.61	1,754.22	1,691.17
Rosseau	39.00	21,564.83	44.6	259.89	(158.62)	886.14
Russell	39.00	23,738.20	107.8	628.17	808.77	967.26
St. Catharines	19.50	3,394,829.39	28,088.8	163,679.28	90,532.42	139,029.55
St. Clair Beach	35.00	28,606.33	131.3	765.11	1,011.99	1,139.81
St. George	35.00	44.728.91	231.6	1,349.58	1,712.35	1,815.68
St. Jacobs	27.50	59,903.54	379.7	2,212.59	1,776.10	2,428.37
St. Marys	30.00	348,369.48	2,115.6	12,328.05	13 711.42	14,212.26
St. Thomas	23.50	1,343,222.14	9,264.6	53,986.75	42,868.65	55,099.79
Sarnia	28.00	1,319,334.27	7,802.2	45,465.04	39,132.10	53,864.10
Scarborough Twp	25.00	1,033,454.16	6,627.0	38,616.91	27,102.83	42,252.52
Seaforth	29.00	202.208.49	1,191.2	6,941.37	6,397.45	8,245.90
Shelburne	36.50	67,329.22	352.1	2,051.76	2,343.86	2,538.15
Simcoe	25.00	486,607.40	3,157.4	18,398.83	14,197.59	19,893.30
Smiths Falls	23.50	480,891.31	3,659.9	21,327.00	13,067.18	19.549.82
Smithville	29.50	50,749 74	277.0	1,614.14	1,348.37	2,002.30
Southampton	32.50	138,647.84	666.7	3.885.00	3,755.66	5.601.71
Springfield	39.00	20,181.65	96.8	564.07	793.83	824.45
Stamford Twp	17.75	375,930.68	3,860.3	22,494.77	10,455.09	15.365.53
Stayner	32.50	59.141.47	356.8	2,079.15	1,915.48	2 347.79

SYSTEM *S.O.—COST OF POWER*

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,367.91	5,935.51	1,722.34	2,847.02	24,966.16	28,648.46	3,682.30
1,234.43	3,588.71	1,340.04	1,663.70	18,412.82	21,181.24	2,768.42
1,883.53	3,434.56	1,460.60	1,589.20	18,698.87	22,193.23	3,494.36
4,662.56	16,141.23	4,765.88	7,717.36	72,782.84	82,409.38	9,626.54
206.87	658.28	201.88	315.06	2,932.22	4,139.19	1,206.97
1,001.20	2,128.14	822.05	999.49	11,601.29	16,007.57	4,406.28
336.51	780.19	336.76	353.29	4,612.87	5,005.68	392.81
1,581.81	4,388.46	1,683.44	2,022.35	22,410.73	26,995.60	4,584.87
2,552.78	8,184.18	2,512.25	3,901.05	34,788.16	40,054.37	5,266.21
5,175.31	23,127.95	6,758.82	11,055.24	94,716.53	104.431,29	9,714.76
33.47	63.02	26.03	28.49	455.00	455.00	....
440.63	968.92	434.03	441.19	5,622.08	6,794.06	1,171.98
142.85	802.28	203.82	392.25	3,152.17	3,705.87	553.70
1,303.76	4,351.39	1,309.03	2,079.08	20,396.55	23,910.12	3,513.57
314.64	527.52	238.10	243.24	3,055.68	3,895.47	839.79
931.77	3,550.22	1,157.99	1,678.31	15,398.66	16,542.60	1,143.94
1,236.71	3,734.40	1,373.05	1,728.71	18,576.64	21,653.47	3,076.83
589.63	832.12	421.29	375.69	5,372.55	6,017.08	644.53
2,997.43	8,511.37	3,275.55	3,892 52	41,807.69	47,961.00	6,153.31
334.88	983.44	363.68	455.31	4,786.50	5,798.32	1,011.82
434.48	995.36	433.52	453.60	5,940.76	7,263.79	1,323.03
369.32	266.43	226.49	108.59	1,741.06	1,741.06	....
323.43	568.23	248.88	262.47	3,282.27	4,202.61	920.34
24,613.58	140,413.95	35,573.08	68,390.78	525,451.08	547,731.74	22,280.66
282.43	704.99	294.46	319.69	3,879.10	4,594.36	715.26
442.45	1,222.57	469.99	563.90	6,448.72	8,106.57	1,657.85
520.67	1,958.51	629.22	924.50	8,600.96	10,440.60	1,839.64
3,050.91	10,991.48	3,659.35	5,151.07	52,802.40	63,468.50	10,666.10
10,987.96	47,342.82	14,104.86	22,557.51	201,833.32	217,717.70	15,884.38
11,875.66	40,558.02	13,859.47	18,996.84	185,757.55	218,461.13	32,703.58
8,579.40	34,006.21	10,853.18	16,135.46	145,275.59	165,673.64	20,398.05
1,833.09	6,183.72	2,125.33	2,900.34	28,826.52	34,545.04	5,718.52
773.90	1,824.79	660.41	857.30	9,335.57	12,851.95	3,516.38
4,161.82	16,205.31	5,109.42	7,687.66	70,278.61	78,934.16	8,655.55
4,517.53	18,483.15	5,047.02	8,911.15	73,080.55	86,008.06	12,927.51
477.02	1,437.62	515.40	674.44	6,720.41	8,172.24	1,451.83
1,846.57	3,502.27	1,451.19	1,623.29	18,419.11	21,669.09	3,249.98
207.01	511.38	212.10	235.69	2,877.15	3,775.57	898.42
2,081.21	18,868.72	3,942.09	9,399.08	63,808.33	68,519.43	4,711.10
674.97	1,843.06	611.70	868.74	8,603.41	11,597.09	2,993.68

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To October 31, 1946			Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c.	$ c.		$ c.	$ c.	$ c.
Stirling	23.00	53,432.86	435.0	2,534.84	1,647.20	2,171.18
Stouffville	31.00	92,532.41	501.1	2,920.01	2,892.04	3,701.54
Stratford	25.00	1,338,722.04	8,682.4	50,594.15	39,561.27	54,836.86
Strathroy	26.50	287,633.36	1,786.6	10,410.89	8,068.45	11,741.56
Streetsville	29.00	40,588.98	257.9	1,502.84	1,482.66	1,652.05
Sunderland	39.00	25,470.16	119.1	694.02	1,033.81	1,036.30
Sutton	38.00	96,696.76	430.4	2,508.03	3,595.70	3,929.82
Swansea	25.00	488,978.42	3,524.6	20,538.58	24,793.14	20,011.86
Tara	36.50	35,210.33	176.0	1,025.59	1,052.79	1,427.24
Tavistock	29.00	134,714.70	752.0	4,382.06	4,183.17	5,513.56
Tecumseh	32.00	112,701.26	535.3	3,119.30	3,376.77	4,493.65
Teeswater	39.00	46,564.22	214.3	1,248.77	1,474.09	1,885.91
Thamesford	33.00	57,964.89	316.8	1,846.06	1,946.27	2,359.64
Thamesville	31.50	53,533.15	290.6	1,693.39	2,011.93	2,161.41
Thedford	39.00	38,757.79	143.9	838.54	1,679.84	1,592.00
Thornbury	50.00	33,918.49	135.0	786.67	1,276.29	1,305.52
Thorndale	39.00	25,999.39	116.0	675.96	992.55	1,065.63
Thornton	39.00	10,558.51	45.9	267.47	342.91	434.96
Thorold	22.50	444,201.88	3,558.8	20,737.87	13,949.80	18,038.70
Tilbury	30.00	191,788.18	1,034.2	6,026.50	6,505.43	7,674.01
Tillsonburg	26.50	316,359.71	1,975.8	11,513.40	9,682.80	12,915.51
Toronto	21.50	56,120,438.61	405,804.2	2,364,705.56	1,372,555.65	2,300,215.85
Toronto Twp	26.00	734,508.44	4,820.2	28,088.31	21,817.35	30,021.79
Tottenham	39.00	42,566.73	148.6	865.92	1,499.11	1,765.77
Trafalgar	27.50	138,486.84	816.7	4,759.09	4,749.26	5,678.11
Trenton	21.00	698,503.30	5,957.2	34,713.84	18,803.96	28,408.97
Tweed	39.00	83,809.41	397.3	2,315.15	3,560.17	3,414.56
Uxbridge	39.00	94,754.43	487.1	2,838.43	3,499.83	3,807.49
Victoria Harbour	33.50	17,299.47	96.7	563.49	767.38	650.09
Walkerton	28.00	190,047.19	1,312.8	7,649.96	5,213.19	7,634.19
Wallaceburg	30.00	949,785.07	5,331.7	31,068.93	29,440.39	38,182.67
Wardsville	39.00	14,868.63	62.6	364.78	646.97	605.57
Warkworth	34.00	23,895.75	100.3	584.47	907.41	868.91
Waterdown	26.00	54,214.27	350.8	2,044.18	1,838.52	2,198.29
Waterford	27.00	87,386.92	542.3	3,160.10	2,606.49	3,559.09

SYSTEM

S.O.—COST OF POWER

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to
each Municipality at interim rates, and the balance credited
supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
462.48	2,177.84	560.66	1,059.14	8,495.06	10,004.04	1,508.98
834.96	2,607.27	952.44	1,220.08	12,688.18	15,533.58	2,845.40
11,333.99	44,713.25	14,068.10	21,139.96	193,967.66	217,059.98	23,092.32
2,547.98	9,188.81	3,021.19	4,350.02	40,628.86	47,345.80	6,716.94
357.15	1,329.76	426.31	627.94	6,122.83	7,480.08	1,357.25
343.91	626.12	266.63	289.99	3,710.80	4,646.24	935.44
990.64	2,292.99	1,010.06	1,047.94	13,279.30	16,355.20	3,075.90
3,653.70	17,835.47	5,133.98	8,581.72	83,385.01	88,115.61	4,730.60
459.66	930.81	368.45	428.53	4,836.01	6,424.31	1,588.30
1,263.14	3,950.39	1,416.06	1,830.97	18,877.41	21,807.76	2,930.35
1,092.41	2,864.70	1,159.09	1,303.36	14,802.56	17,128.25	2,325.69
633.92	1,153.61	487.72	521.78	6,362.24	8,358.80	1,996.56
556.23	1,662.03	609.03	771.35	8,207.91	10,453.06	2,245.15
499.07	1,528.87	557.00	707.55	7,744.12	9,152.34	1,408.22
435.21	791.50	407.38	350.37	5,394.10	5,612.14	218.04
455.81	720.05	336.97	328.70	4,552.61	6,751.24	2,198.63
275.29	618.23	273.28	282.44	3,618.50	4,523.06	904.56
150.51	247.38	112.22	111.76	1,443.69	1,790.77	347.08
3,327.05	17,880.64	4,654.95	8,664.99	69,924.02	80,072.08	10,148.06
1,824.12	5,449.46	1,995.63	2,518.08	26,957.07	31,025.50	4,068.43
2,794.73	10,174.97	3,322.89	4,810.69	45,593.61	52,359.35	6,765.74
417,997.53	2,052,593.53	589,225.39	988,054.58	8,109,238.93	8,724,789.36	615,550.43
6,313.36	24,748.91	7,713.90	11,736.26	106,967.36	125,323.88	18,356.52
654.96	812.89	451.59	361.81	5,688.43	5,796.39	107.96
1,280.05	4,219.14	1,454.64	1,988.52	20,151.77	22,642.24	2,490.47
5,668.34	29,711.41	7,327.94	14,504.63	110,129.83	125,102.11	14,972.28
1,122.53	2,099.45	880.70	967.35	12,425.21	15,493.12	3,067.91
1,218.21	2,529.00	991.34	1,185.99	13,698.31	18,996.93	5,298.62
188.64	498.67	168.79	235.45	2,601.61	3,240.00	638.39
1,976.67	6,662.73	1,983.87	3,196.41	27,924.20	36,757.72	8,833.52
8,729.27	27,893.30	9,878.12	12,981.66	132,211.02	159,949.75	27,738.73
157.21	338.43	154.88	152.42	2,115.42	2,440.12	324.70
285.75	536.58	223.58	244.21	3,162.49	3,409.92	247.43
464.19	1,801.92	565.02	854.13	8,057.99	9,119.70	1,061.71
771.96	2,807.20	917.68	1,320.40	12,502.12	14,642.58	2,140.46

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay,

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year — To October 31, 1946	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
				Cost of power purchased	Operating maintenance and administrative expenses*	Interest
	$ c	$ c.		$ c.	$ c.	$ c.
Waterloo	23.00	1,032,027.24	7,183.7	41,860.92	27,048.31	42,244.18
Watford	35.50	90,837.85	456.0	2,657.21	3,215.22	3,695.63
Waubaushene	30.00	24,974.02	166.2	968.48	792.15	1,009.37
Welland	19.50	1,498,993.87	11,970.6	69,755.18	38,044.22	61,562.27
Wellesley	32.00	31,524.16	161.3	939.93	1,009.38	1,287.60
Wellington	31.00	58,401.11	345.2	2,011.55	1,754.51	2,368.14
West Lorne	35.50	74,751.45	383.4	2,234.15	2,989.17	2,911.37
Weston	22.50	796,337.47	5,634.9	32,835.74	20,116.78	32,276.83
Westport	39.00	40,838.65	142.8	832.13	1,182.39	1,678.75
Wheatley	39.00	71,711.89	265.9	1,549.45	2,285.46	2,861.57
Whitby	25.50	271,027.97	1,863.1	10,856.68	8,569.62	11,046.02
Wiarton	39.00	110,630.91	479.7	2,795.31	3,189.34	4,490.55
Williamsburg	28.50	20,065.98	134.8	785.51	747.45	814.99
Winchester	28.50	79,937.49	491.7	2,865.24	2,561.62	3,254.55
Windermere	39.00	16,233.79	62.6	364.78	815.37	665.39
Windsor	25.00	9,234,087.18	53,300.8	310,594.86	240,423.73	369,695.47
Wingham	37.50	195,548.56	993.2	5,787.59	5,656.04	7,880.47
Woodbridge	27.50	146,534.48	899.6	5,242.16	4,075.26	5,938.46
Woodstock	24.50	1,362,814.48	9,410.3	54,835.78	39,150.69	55,581.80
Woodville	39.00	22,505.61	106.3	619.43	890.40	915.74
Wyoming	39.00	27,590.93	128.0	745.88	960.41	1,122.07
York Twp	23.00	3,419,667.10	24,942.2	145,343.39	87,970.71	138,159.25
Zurich	39.00	40,927.52	167.8	977.81	1,462.00	1,674.84
Ontario Reformatory		49,764.57	329.4	1,919.48	1,576.74	2,022.22
Toronto Transportation Comm.		87,496.05	629.1	3,665.90	2,464.95	3,439.51
Totals—Municipalities		182,327,140.56	1,291,296.3	7,627,203.71	4,912,537.54	7,431,060 29
Totals—Rural power district		23,270,815.69	135,698.2	813,453.32	659,428.45	943,475.07
Totals—Companies		61,823,418.86	477,897.4	2,784,807.57	1,957,673.43	2,516,337.35
Totals—Local distribution sys.		635,805.07	2,087.3	12,163.15	34,426.46	25,478.47
		268,057,180.18				
Non-operating capital		9,646,234.57				
Grand Totals		277,703,414.75	1,906,979.2	11,237,627.75	7,564,065.88	10,916,351.18

SYSTEM *S.O.—COST OF POWER*

and Eastern Ontario Divisions

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Revenue received in excess of cost of power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
8,330.98	36,623.26	10,837.52	17,490.92	149,454.25	165,224.77	15,770.52
900.01	2,419.67	954.58	1,110.27	12,732.05	16,188.89	3,456.84
268.53	850.64	260.78	404.66	3,745.29	4,985.25	1,239.96
11,609.04	60,251.22	15,728.36	29,146.09	227,804.20	233,426.05	5,621.85
312.33	850.39	331.29	392.73	4,338.19	5,160.52	822.33
686.97	1,787.67	613.38	840.50	8,381.72	10,701.73	2,320.01
692.42	2,014.79	750.58	933.50	10,658.98	13,611.90	2,952.92
5,932.37	28,507.66	8,283.70	13,719.89	114,233.19	126,785.26	12,552.07
617.78	788.59	429.37	347.69	5,181.32	5,568.90	387.58
767.58	1,454.67	733.67	647.41	9,004.99	10,371.11	1,366.12
2,824.06	9,443.99	2,845.31	4,536.28	41,049.40	47,508.22	6,458.82
1,546.08	2,549.65	1,158.64	1,167.98	14,561.59	18,708.96	4,147.37
213.29	690.08	210.58	328.21	3,133.69	3,841.82	708.13
908.46	2,538.42	836.82	1,197.19	11,767.92	14,013.94	2,246.02
237.69	338.87	170.11	152.42	2,439.79	2,439.79	....
79,665.19	277,854.44	94,978.07	129,777.12	1,243,434.64	1,332,519.36	89,084.72
2,534.30	5,185.93	2,047.85	2,418.25	26,673.93	37,243.45	10,569.52
1,238.11	4,633.67	1,526.77	2,190.35	20,464.08	24,738.54	4,274.46
11,151.61	48,084.32	14,310.48	22,912.25	200,202.43	230,551.96	30,349.53
302.40	558.26	235.58	258.82	3,262.99	4,144.76	881.77
284.03	683.78	289.99	311.66	3,774.50	4,991.69	1,217.19
24,680.58	125,821.06	35,558.78	60,729.42	496,804.35	573,671.18	76,866.83
448.01	907.08	430.25	408.56	5,491.43	6,543.57	1,052.14
421.58	1,688.79	522.47	802.03	7,349.25	8,893.61	1,544.36
698.47	3,190.04	918.66	1,531.74	12,845.79	18,419.81	5,574.02
1,500,636.26	6,463,668.03	1,907,467.54	(3,095,785.79)	26,746,787.58	29,541,675.42	2,794,887.84
226,762.18	704,335.13	240,974.77	(330,398.72)	3,258,030.20	3,258,030.20	....
482,817.05	1,398,472.74	642,702.60	3,397,777.49	13,180,588.23	13,180,588.23	....
9,098.26	9,057.88	6,507.50	28,407.02	125,138.74	125,138.74	....
2,219,313.75	8,575,533.78	2,797,652.41	....	43,310,544.75	46,105,432.59	2,794,887.84

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Acton	Jan. 1913	5,329.80	
Agincourt	Nov. 1922	722.89	
Ailsa Craig	Jan. 1916	718.24	
Alexandria	Jan. 1921	612.37	
Alliston	June 1918	3,195.17	
Almonte	Feb. 1945		375.82
Alvinston	April 1922	133.82	
Amherstburg	Nov. 1925	5,385.92	
Ancaster Township	May 1923	1,418.29	
Apple Hill	April 1921	189.56	
Arkona	Dec. 1926	64.49	
Arnprior	Jan. 1939	4,250.96	
Arthur	Dec. 1916	181.52	
Athens	Jan. 1929	471.60	
Aurora	April 1943	5,004.29	
Aylmer	Mar. 1918	3,300.85	
Ayr	Jan. 1915	945.96	
Baden	May 1912	1,812.09	
Barrie	April 1913	22,274.35	
Bath	Nov. 1931	49.54	
Beachville	Aug. 1912	2,401.92	
Beamsville	May 1937	1,609.74	
Beaverton	Nov. 1914	2,227.73	
Beeton	Aug. 1918	93.85	
Belle River	Dec. 1922	365.05	
Belleville	April 1929	22,676.93	
Blenheim	Nov. 1915	2,579.15	
Bloomfield	April 1919	763.03	
Blyth	July 1924	740.05	
Bobcaygeon	July 1946		
Bolton	Feb. 1915	626.36	
Bothwell	Sept. 1915	234.75	
Bowmanville	Oct. 1931	4,927.08	
Bradford	Oct. 1918	1,775.70	
Braeside	Jan. 1945	545.43	
Brampton	Nov. 1911	6,696.96	
Brantford	Feb. 1914	20,874.90	
Brantford Township	May 1924	2,849.92	
Brechin	Jan. 1915	374.25	
Bridgeport	Mar. 1928	476.04	

SYSTEM *S.O.—CREDIT OR CHARGE*

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	5,329.80	8,225.44		8,225.44	
	722.89	1,090.24		1,090.24	
	718.24	1,344.13		1,344.13	
	612.37	3,462.53		3,462.53	
	3,195.17	6,111.16		6,111.16	
375.82		1,470.27		1,470.27	
	133.82	1,018.21		1,018.21	
	5,385.92	6,774.10		6,774.10	
	1,418.29	683.97		683.97	
	189.56	559.21		559.21	
	64.49				
	4,250.96	5,522.37		5,522.37	
	181.52				
	471.60	945.43		945.43	
	5,004.29	8,355.46		8,355.46	
	3,300.85	5.321.43		5,321.43	
	945.96	1,780.63		1,780.63	
	1,812.09	1,965.38		1,965.38	
	22,274.35	35,478.89		35,478.89	
	49.54				
	2,401.92	2,870.21		2,870.21	
	1,609.74	2,666.19		2,666.19	
	2,227.73	3,352.98		3,352.98	
	93.85	246.00		246.00	
	365.05	1,032.23		1,032.23	
	22,676.93	27,188.78		27,188.78	
	2,579.15	3,485.27		3,485.27	
	763.03	1,416.87		1,416.87	
	740.05	1,249.34		1,249.34	
		423.18		423.18	
	626.36	1,469.39		1,469.39	
	234.75	866.09		866.09	
	4,927.08	8,290.85		8,290.85	
	1,775.70	3,761.32		3,761.32	
	545.43	775.14		775.14	
	6,696.96	14,564.15		14,564.15	
	20,874.90	38,055.35		38,055.35	
	2,849.92	8,779.80		8,779.80	
	374.25	454.67		454.67	
	476.04	1,223.10		1,223.10	

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Brigden	Jan. 1918	297.27	
Brighton	Nov. 1929	1,817.61	
Brockville	April 1915	13,596.89	
Brussels	July 1924	761.62	
Burford	June 1915	882.65	
Burgessville	Nov. 1916	63.58	
Burlington	Jan. 1945	1,963.22	
Caledonia	Oct. 1912	977.52	
Campbellville	Jan. 1925	44.53	
Cannington	Nov. 1914	1,332.69	
Cardinal	July 1930	1,329.88	
Carleton Place	May 1919	7,895.69	
Cayuga	Nov. 1924	574.93	
Chatham	Feb. 1915	19,605.88	
Chatsworth	Dec. 1915	640.80	
Chesley	July 1916	3,588.34	
Chesterville	April 1914	954.09	
Chippawa	Sept. 1919	975.35	
Clifford	May 1924	101.93	
Clinton	Mar. 1914	2,434.13	
Cobden	Nov. 1925	942.86	
Cobourg	Jan. 1932	7,345.09	
Colborne	Jan. 1933	1,090.28	
Coldwater	Mar. 1913	1,492.13	
Collingwood	Mar. 1913	14,836.02	
Comber	May 1915	945.67	
Cookstown	May 1918	652.27	
Cottam	Nov. 1926	528.13	
Courtright	Dec. 1923	50.68	
Creemore	Nov. 1914	1,281.18	
Dashwood	Sept. 1917	479.16	
Delaware	Mar. 1915	268.90	
Delhi	May 1938	2,489.98	
Deseronto	Jan. 1931	1,556.12	
Dorchester	Dec. 1914	696.59	
Drayton	Mar. 1918	153.43	
Dresden	April 1915	2,259.81	
Drumbo	Dec. 1914	299.12	
Dublin	Oct. 1917	249.79	
Dundalk	Dec. 1915	1,206.42	

SYSTEM

S.O.—CREDIT OR CHARGE

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	297.27	861.65		861.65	
	1,817.61	3,006.63		3,006.63	
	13,596.89	19,216.07		19,216.07	
	761.62	2,030.87		2,030.87	
	882.65	1,383.27		1,383.27	
	63.58	697.91		697.91	
	1,963.22	4,233.99		4,233.99	
	977.52	1,734.23		1,734.23	
	44.53	178.89		178.89	
	1,332.69	2,668.08		2,668.08	
	1,329.88	2,045.14		2,045.14	
	7,895.69	10,191.77		10,191.77	
	574.93	2,011.71		2,011.71	
	19,605.88	21,560.38		21,560.38	
	640.80	1,260.73		1,260.73	
	3,588.34	5,850.09		5,850.09	
	954.09	1,819.53		1,819.53	
	975.35	1,209.39		1,209.39	
	101.93	64.62		64.62	
	2,434.13	4,382.36		4,382.36	
	942.86	943.95		943.95	
	7,345.09	10,217.62		10,217.62	
	1,090.28	1,581.59		1,581.59	
	1,492.13	1,816.76		1,816.76	
	14,836.02	15,853.04		15,853.04	
	945.67	1,316.47		1,316.47	
	652.27	1,187.03		1,187.03	
	528.13	953.64		953.64	
	50.68	270.03		270.03	
	1,281.18	2,352.43		2,352.43	
	479.16	786.68		786.68	
	268.90	437.61		437.61	
	2,489.98	4,481.38		4,481.38	
	1,556.12	2,624.83		2,624.83	
	696.59	1,054.50		1,054.50	
	153.43				
	2,259.81	2,774.74		2,774.74	
	299.12	616.35		616.35	
	249.79	581.07		581.07	
	1,206.42	2,062.79		2,062.79	

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Dundas	Jan. 1911	5,206.60	
Dunnville	June 1918	2,558.49	
Durham	Dec. 1915	2,350.28	
Dutton	Sept. 1915	1,096.10	
East York Township	July 1925	30,172.45	
Elmira	Nov. 1913	6,422.81	
Elmvale	June 1913	862.96	
Elmwood	April 1918	104.72	
Elora	Nov. 1914	1,468.81	
Embro	Jan. 1915	394.56	
Erieau	July 1924	952.38	
Erie Beach	July 1925	10.15	
Essex	Nov. 1923	2,475.04	
Etobicoke Township	Aug. 1917	15,928.74	
Exeter	June 1916	2,472.85	
Fergus	Nov. 1914	2,967.01	
Finch	Feb. 1928	643.53	
Flesherton	Dec. 1915	596.28	
Fonthill	June 1926	870.35	
Forest	Mar. 1917	4,397.91	
Forest Hill	Jan. 1938	12,060.39	
Galt	May 1911	7,342.41	
Georgetown	Sept. 1913	7,167.26	
Glencoe	Aug. 1920	409.15	
Goderich	Feb. 1914	6,105.75	
Grand Valley	Dec. 1916	875.10	
Granton	July 1916	381.98	
Gravenhurst	Nov. 1915	4,064.76	
Grimsby	Jan. 1942	1,902.25	
Guelph	Dec. 1910	13,683.94	
Hagersville	Sept. 1913	2,017.01	
Hamilton	Feb. 1911	55,430.60	
Hanover	Sept. 1916	7,634.36	
Harriston	July 1916	1,240.98	
Harrow	Nov. 1923	3,225.43	
Hastings	June 1931	648.97	
Havelock	Feb. 1921	404.58	
Hensall	Jan. 1917	531.10	
Hespeler	Feb. 1911	5,790.42	
Highgate	Dec. 1916	435.86	

SYSTEM *S.O.—CREDIT OR CHARGE*

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	5,206.60	7,410.21		7,410.21	
	2,558.49	4,750.13		4,750.13	
	2,350.28	3,395.93		3,395.93	
	1,096.10	1,716.11		1,716.11	
	30,172.45	42,242.57		42,242.57	
	6,422.81	10,417.63		10,417.63	
	862.96	1,006.71		1,006.71	
	104.72	930.48		930.48	
	1,468.81	2,088.16		2,088.16	
	394.56	872.13		872.13	
	952.38	1,359.00		1,359.00	
	10.15	1.85		1.85	
	2,475.04	3,481.39		3,481.39	
	15,928.74	35,014.23		35,014.23	
	2,472.85	4,681.02		4,681.02	
	2,967.01	6,036.30		6,036.30	
	643.53	1,378.83		1,378.83	
	596.28	1,187.82		1,187.82	
	870.35	1,385.18		1,385.18	
	4,397.91	6,562.45		6,562.45	
	12,060.39	16,681.87		16,681.87	
	7,342.41	18,402.43		18,402.43	
	7,167.26	10,598.77		10,598.77	
	409.15	1,021.43		1,021.43	
	6,105.75	10,844.64		10,844.64	
	875.10	1,539.63		1,539.63	
	381.98	614.30		614.30	
	4,064.76	7,051.78		7,051.78	
	1,902.25	4,166.70		4,165.70	
	13,683.94	25,481.62		25,481.62	
	2,017.01	4,250.58		4,250.58	
	55,430.60	115,613.24		115,613.24	
	7,634.36	10,629.62		10,629.62	
	1,240.98	3,105.59		3,105.59	
	3,225.43	4,179.29		4,179.29	
	648.97	1,849.35		1,849.35	
	404.58	2,004.00		2,004.00	
	531.10	2,005.28		2,005.28	
	5,790.42	9,207.04		9,207.04	
	435.86	765.84		765.84	

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Holstein	May 1916	24.61	....
Humberstone	Oct. 1924	820.82	....
Huntsville	Sept. 1916	3,264.16	....
Ingersoll	May 1911	6,893.27	....
Iroquois	Feb. 1940	1,171.77	....
Jarvis	Feb. 1924	103.87	....
Kemptville	Dec. 1921	124.02	....
Kincardine	Mar. 1921	5,219.72	....
Kingston	Nov. 1937	44,192.22	....
Kingsville	Nov. 1923	3,392.05	....
Kirkfield	June 1920	24.55	....
Kitchener	Jan. 1911	33,743.98	....
Lakefield	Aug. 1920	589.41	....
Lambeth	April 1915	437.53	....
Lanark	Sept. 1921	21.46	....
Lancaster	May 1921	65.21	....
LaSalle	Nov. 1925	1,411.72	....
Leamington	Nov. 1923	8,464.26	....
Lindsay	Mar. 1928	9,026.15	....
Listowel	June 1916	4,546.22	....
London	Jan. 1911	39,236.56	....
London Township	Jan. 1925	1,515.12	....
Long Branch	Jan. 1931	3,480.49	....
Lucan	Feb. 1915	884.12	....
Lucknow	Jan. 1921	2,360.79	....
Lynden	Nov. 1915	617.37	....
Madoc	Jan. 1930	1,222.78	....
Markdale	Mar. 1916	1,143.30	....
Markham	April 1920	1,317.18	....
Marmora	Jan. 1921	689.07	....
Martintown	May 1921	328.29	....
Maxville	Feb. 1921	285.22	....
Meaford	Jan. 1924	4,891.95	....
Merlin	Dec. 1922	396.13	....
Merriton	Nov. 1920	9,791.55	....
Midland	July 1911	22,613.10	....
Mildmay	Dec. 1932	884.30	....
Millbrook	Dec. 1938	313.33	....
Milton	April 1913	6,094.48	....
Milverton	June 1916	1,084.18	....

SYSTEM *S.O.—CREDIT OR CHARGE*

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon
or Charged to each Municipality in respect of power supplied in the year
as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	24.61				
	820.82	1,378.94		1,378.94	
	3,264.16	6,225.07		6,225.07	
	6,893.27	10,753.03		10,753.03	
	1,171.77	1,505.55		1,505.55	
	103.87	895.15		895.15	
	124.02	1,917.07		1,917.07	
	5,219.72	7,992.66		7,992.66	
	44,192.22	54,484.23		54,484.23	
	3,392.05	4,395.40		4,395.40	
	24.55				
	33,743.98	56,175.30		56,175.30	
	589.41	1,268.52		1,268.52	
	437.53	1,088.77		1,088.77	
	21.46	128.75		128.75	
	65.21	224.50		224.50	
	1,411.72	1,330.11		1,330.11	
	8,464.26	11,756.49		11,756.49	
	9,026.15	7,502.80		7,502.80	
	4,546.22	7,382.80		7,382.80	
	39,236.56	83,622.45		83,622.45	
	1,515.12	2,376.57		2,376.57	
	3,480.49	5,711.32		5,711.32	
	884.12	1,597.17		1,597.17	
	2,360.79	5,122.24		5,122.24	
	617.37	781.60		781.60	
	1,222.78	2,962.29		2,962.29	
	1,143.30	1,765.99		1,765.99	
	1,317.18	2,157.59		2,157.59	
	689.07	781.34		781.34	
	328.29	574.90		574.90	
	285.22	1,374.75		1,374.75	
	4,891.95	6,996.25		6,996.25	
	396.13	662.60		662.60	
	9,791.55	14,283.65		14,283.65	
	22,613.10	24,143.54		24,143.54	
	884.30	1,790.33		1,790.33	
	313.33	585.45		585.45	
	6,094.48	8,955.88		8,955.88	
	1,084.18	2,110.41		2,110.41	

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Mimico	May 1912	4,833.56	
Mitchell	Sept. 1911	2,239.80	
Moorefield	Mar. 1918	54.76	
Morrisburg	June 1938	1,505.21	
Mount Brydges	Mar. 1915	335.88	
Mount Forest	Dec. 1915	3,975.27	
Napanee	Nov. 1929	4,608.32	
Neustadt	Dec. 1918	307.01	
Newbury	Mar. 1921	22.25	
Newcastle	Jan. 1937	540.16	
New Hamburg	Mar. 1911	1,959.85	
Newmarket	April 1945	3,774.27	
New Toronto	Feb. 1914	8,590.47	
Niagara Falls	Dec. 1915	10,664.81	
Niagara-on-the-Lake	Aug. 1919	2,275.57	
North York Township	Nov. 1923	23,178.59	
Norwich	May 1912	1,719.02	
Norwood	Feb. 1921	405.50	
Oil Springs	Feb. 1918	1,044.64	
Omemee	Jan. 1940	888.45	
Orangeville	July 1916	6,722.42	
Orono	Nov. 1938	570.82	
Oshawa	Feb. 1929	50,942.55	
Ottawa	Jan. 1914	54,763.89	
Otterville	Feb. 1916	311.80	
Owen Sound	Dec. 1915	32,343.55	
Paisley	Sept. 1923	869.90	
Palmerston	July 1916	1,874.68	
Paris	Feb. 1914	1,995.76	
Parkhill	May 1920	875.66	
Penetanguishene	July 1911	5,962.45	
Perth	Feb. 1919	5,228.47	
Peterborough	Mar. 1913	35,268.48	
Petrolia	May 1916	5,534.07	
Picton	April 1919	6,028.91	
Plattsville	Dec. 1914	631.01	
Point Edward	Nov. 1916	7,624.36	
Port Colborne	Mar. 1920	2,751.75	
Port Credit	Aug. 1912	2,751.37	
Port Dalhousie	Nov. 1912	2,608.89	

SYSTEM *S.O.—CREDIT OR CHARGE*

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	4,833.56	8,938.98	....	8,938.98	....
....	2,239.80	3,719.93	....	3,719.93	....
....	54.76	108.25	....	108.25	....
....	1,505.21	2,424.92	....	2,424.92	....
....	335.88	772.38	....	772.38	....
....	3,975.27	6,504.93	....	6,504.93	....
....	4,608.32	5,135.88	....	5,135.88	....
....	307.01	343.86	....	343.86	....
....	22.25	320.16	....	320.16	....
....	540.16	1,645.99	....	1,645.99	....
....	1,959.85	2,816.20	....	2,816.20	....
....	3,774.27	10,514.89	....	10,514.89	....
....	8,590.47	16,578.80	....	16,578.80	....
....	10,664.81	17,055.25	....	17,055.25	....
....	2,275.57	3,814.09	....	3,814.09	....
....	23,178.59	34,572.00	....	34,572.00	....
....	1,719.02	2,695.03	....	2,695.03	....
....	405.50	2,027.06	....	2,027.06	....
....	1,044.64	1,490.29	....	1,490.29	....
....	888.45	1,479.08	....	1,479.08	....
....	6,722.42	11,378.25	....	11,378.25	....
....	570.82	1,223.93	....	1,223.93	....
....	50,942.55	67,330.62	....	67,330.62	....
....	54,763.89	76,487.94	....	76,487.94	....
....	311.80	787.42	....	787.42	....
....	32,343.55	42,007.93	....	42,007.93	....
....	869.90	1,981.10	....	1,981.10	....
....	1,874.68	3,581.94	....	3,581.94	....
....	1,995.76	3,818.82	....	3,818.82	....
....	875.66	2,174.88	....	2,174.88	....
....	5,962.45	8,607.56	....	8,607.56	....
....	5,228.47	6,879.08	....	6,879.08	....
....	35,268.48	44,825.65	....	44,825.65	....
....	5,534.07	8,605.28	....	8,605.28	....
....	6,028.91	11,612.86	....	11,612.86	....
....	631.01	1,091.57	....	1,091.57	....
....	7,624.36	9,281.82	....	9,281.82	....
....	2,751.75	5,247.67	....	5,247.67	....
....	2,751.37	4,245.68	....	4,245.68	....
....	2,608.89	3,682.30	....	3,682.30	....

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Port Dover	Dec. 1921	1,428.89	
Port Elgin	Mar. 1931	3,183.68	
Port Hope	Nov. 1929	5,996.50	
Port McNicoll	Jan. 1915	774.69	
Port Perry	Sept. 1922	2,932.08	
Port Rowan	Nov. 1926	27.00	
Port Stanley	April 1912	2,809.48	
Prescott	Dec. 1913	4,845.71	
Preston	Jan. 1911	5,483.33	
Priceville	Mar. 1920	61.02	
Princeton	Jan. 1915	556.14	
Queenston	Mar. 1921	252.69	
Renfrew	Dec. 1944	407.58	
Richmond	Aug. 1928	383.61	
Richmond Hill	June 1925	301.02	
Ridgetown	Dec. 1915	2,348.89	
Ripley	Jan. 1921	107.57	
Riverside	Nov. 1922	5,679.52	
Rockwood	Sept. 1913	287.66	
Rodney	Feb. 1917	304.77	
Rosseau	July 1931	27.70	
Russell	Feb. 1926	320.42	
St. Catharines	April 1914	11,361.00	
St. Clair Beach	Nov. 1922	563.62	
St. George	Sept. 1915	1,044.53	
St. Jacobs	Sept. 1917	1,507.10	
St. Marys	May 1911	5,322.17	
St. Thomas	April 1911	6,226.28	
Sarnia	Dec. 1916	19,337.19	
Scarborough Township	Aug. 1918	11,662.70	
Seaforth	Nov. 1911	3,599.25	
Shelburne	July 1916	2,004.04	
Simcoe	Aug. 1915	5,520.14	
Smiths Falls	Sept. 1918	9,189.55	
Smithville	Nov. 1940	691.23	

SYSTEM *S.O.—CREDIT OR CHARGE*

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	1,428.89	2,768.42		2,768.42	
	3,183.68	3,494.36		3,494.36	
	5,996.50	9,626.54		9,626.54	
	774.69	1,206.97		1,206.97	
	2,932.08	4,406.28		4,406.28	
	27.00	392.81		392.81	
	2,809.48	4,584.87		4,584.87	
	4,845.71	5,266.21		5,266.21	
	5,483.33	9,714.76		9,714.76	
	61.02				
	556.14	1,171.98		1,171.98	
	252.69	553.70		553.70	
	407.58	3,513.57		3,513.57	
	383.61	839.79		839.79	
	301.02	1,143.94		1,143.94	
	2,348.89	3,076.83		3,076.83	
	107.57	644.53		644.53	
	5,679.52	6,153.31		6,153.31	
	287.66	1,011.82		1,011.82	
	304.77	1,323.03		1,323.03	
	27.70				
	320.42	920.34		920.34	
	11,361.00	22,280.66		22,280.66	
	563.62	715.26		715.26	
	1,044.53	1,657.85		1,657.85	
	1,507.10	1,839.64		1,839.64	
	5,322.17	10,666.10		10,666.10	
	6,226.28	15,884.38		15,884.38	
	19,337.19	32,703.58		32,703.58	
	11,662.70	20,398.05		20,398.05	
	3,599.25	5,718.52		5,718.52	
	2,004.04	3,516.38		3,516.38	
	5,520.14	8,655.55		8.655.55	
	9,189.55	12,927.51		12,927.51	
	691.23	1,451.83		1,451.83	

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Southampton	Feb. 1931	3,379.28	
Springfield	Aug. 1917	296.54	
Stamford Township	Nov. 1916	3,149.51	
Stayner	Oct. 1913	1,953.20	
Stirling	Jan. 1920	1.046.25	
Stouffville	Sept. 1923	1,354.17	
Stratford	Jan. 1911	11,322.44	
Strathroy	Dec. 1914	3,948.95	
Streetsville	Dec. 1934	746.30	
Sunderland	Nov. 1914	346.31	
Sutton	Aug. 1923	1,188.45	
Swansea	Oct. 1937	4,139.64	
Tara	Feb. 1918	743.53	
Tavistock	Nov. 1916	1,407.08	
Tecumseh	Nov. 1922	1,912.22	
Teeswater	Dec. 1920	1,107.44	
Thamesford	Feb. 1914	1,216.61	
Thamesville	Oct. 1915	967.41	
Thedford	May 1922	136.87	
Thornbury	Sept. 1944	592.03	
Thorndale	Mar. 1914	200.92	
Thornton	Nov. 1918	188.12	
Thorold	Jan. 1921	9,145.12	
Tilbury	April 1915	6,259.53	
Tillsonburg	Aug. 1911	4,553.41	
Toronto	June 1911	364,212.27	
Toronto Township	Aug. 1913	9,075.21	
Tottenham	Oct. 1918	114.60	
Trafalgar	Nov. 1936	787.05	
Trenton	Sept. 1931	12,474.62	
Tweed	Dec. 1930	1,683.89	
Uxbridge	Sept. 1922	3,091.67	
Victoria Harbour	July 1914	454.60	
Walkerton	Feb. 1931	6,211.22	
Wallaceburg	Feb. 1915	23,442.56	

SYSTEM *S.O.—CREDIT OR CHARGE*

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon
or Charged to each Municipality in respect of power supplied in the year
as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	3,379.28	3,249.98		3,249.98	
	296.54	898.42		898.42	
	3,149.51	4,711.10		4,711.10	
	1,953.20	2,993.68		2,993.68	
	1,046.25	1,508.98		1,508.98	
	1,354.17	2,845.40		2,845.40	
	11,322.44	23,092.32		23,092.32	
	3,948.95	6,716.94		6,716.94	
	746.30	1,357.25		1,357.25	
	346.31	935.44		935.44	
	1,188.45	3,075.90		3,075.90	
	4,139.64	4,730.60		4,730.60	
	743.53	1,588.30		1,588.30	
	1,407.08	2,930.35		2,930.35	
	1,912.22	2,325.69		2,325.69	
	1,107.44	1,996.56		1,996.56	
	1,216.61	2,245.15		2,245.15	
	967.41	1,408.22		1,408.22	
	136.87	218.04		218.04	
	592.03	2,198.63		2,198.63	
	200.92	904.56		904.56	
	188.12	347.08		347.08	
	9,145.12	10,148.06		10,148.06	
	6,259.53	4,068.43		4,068.43	
	4,553.41	6,765.74		6,765.74	
	364,212.27	615,550.43		615.550,43	
	9,075.21	18,356.52		18,356.52	
	114.60	107.96		107.96	
	787.05	2,490.47		2,490.47	
	12,474.62	14,972.28		14,972.28	
	1,683.89	3,067.91		3,067.91	
	3,091.67	5,298.62		5,298.62	
	454.60	638.39		638.39	
	6,211.22	8,833.52		8,833.52	
	23,442.56	27,738.73		27,738.73	

SOUTHERN ONTARIO

Embracing Niagara, Georgian Bay and

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1946, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Wardsville	June 1921	36.94	
Warkworth	Oct. 1923	293.28	
Waterdown	Nov. 1911	694.42	
Waterford	April 1915	1,493.73	
Waterloo	Dec. 1910	9,394.49	
Watford	Sept. 1917	2,021.45	
Waubaushene	Dec. 1914	575.36	
Welland	Sept. 1917	911.34	
Wellesley	Nov. 1916	421.03	
Wellington	April 1919	1,527.33	
West Lorne	Jan. 1917	1,223.63	
Weston	Aug. 1911	7,771.63	
Westport	Nov. 1931	116.90	
Wheatley	Feb. 1924	530.35	
Whitby	Jan. 1926	4,222.22	
Wiarton	May 1931	2,211.91	
Williamsburg	April 1915	416.98	
Winchester	Jan. 1914	999.11	
Windermere	June 1930	29.80	
Windsor	Oct. 1914	108,640.40	
Wingham	Dec. 1920	6,371.69	
Woodbridge	Dec. 1914	1,944.86	
Woodstock	Jan. 1911	22,179.85	
Woodville	Nov. 1914	331.38	
Wyoming	Nov. 1916	643.42	
York Township	Jan. 1941	53,362.02	
Zurich	Sept. 1917	557.80	
Ontario Reformatory	Sept. 1913	1,155.86	
Toronto Transportation Commission	Jan. 1927	5,480.06	
		1,797,094.60	375.82

SYSTEM *S.O.—CREDIT OR CHARGE*

Eastern Ontario Divisions

power supplied to it to October 31, 1945, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged upon annual adjustment in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	36.94	324.70	....	324.70	....
....	293.28	247.43	....	247.43	....
....	694.42	1,061.71	....	1,061.71	....
....	1,493.73	2,140.46	....	2,140.46	....
....	9,394.49	15,770.52	....	15,770.52	....
....	2,021.45	3,456.84	....	3,456.84	....
....	575.36	1,239.96	....	1,239.96	....
....	911.34	5,621.85	....	5,621.85	....
....	421.03	822.33	....	822.33	....
....	1,527.33	2,320.01	....	2,320.01	....
....	1,223.63	2,952.92	....	2,952.92	....
....	7,771.63	12,552.07	....	12,552.07	....
....	116.90	387.58	....	387.58	....
....	530.35	1,366.12	....	1,366.12	....
....	4,222.22	6,458.82	....	6,458.82	....
....	2,211.91	4,147.37	....	4,147.37	....
....	416.98	708.13	....	708.13	....
....	999.11	2,246.02	....	2,246.02	....
....	29.80	....	....	....	....
....	108,640.40	89,084.72	....	89,084.72	....
....	6,371.69	10,569.52	....	10,569.52	....
....	1,944.86	4,274.46	....	4,274.46	....
....	22,179.85	30,349.53	....	30,349.53	....
....	331.38	881.77	....	881.77	....
....	643.42	1,217.19	....	1,217.19	....
....	53,362.02	76,866.83	....	76,866.83	....
....	557.80	1,052.14	....	1,052.14	....
....	1,155.86	1,544.36	....	1,544.36	....
....	5,480.06	5,574.02	....	5,574.02	....
375.82	1,797,094.60	2,794,887.84	....	2,794,887.84	....

Embracing Niagara, Georgian Bay and Eastern Ontario Divisions

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1946

Municipality	Period of years ended Oct. 31, 1946	Amount	Municipality	Period of years ended Oct. 31, 1946	Amount
		$ c.			$ c.
Acton	29 years	117,318.25	Brigden	24 years	17,751.69
Agincourt	23 “	18,401.46	Brighton	17 “	20,946.39
Ailsa Craig	26 “	23,011.50	Brockville	26 “	286,672.22
Alexandria	22 “	44,943.34	Brussels	23 “	20,638.50
Alliston	23 “	38,900.12	Burford	26 “	22,002.61
Almonte	2 “	1,611.81	Burgessville	25 “	8,185.26
Alvinston	23 “	22,918.87	Burlington	2 “	7,319.46
Amherstburg	23 “	89,062.51	Caledonia	29 “	36,203.03
Ancaster Township	23 “	29,165.85	Campbellville	22 “	4,480.41
Apple Hill	22 “	5,176.92	Cannington	27 “	23,764.25
Arkona	20 “	9,981.37	Cardinal	17 “	11,590.74
Arnprior	8 “	21,237.61	Carleton Place	22 “	126,126.62
Arthur	25 “	29,500.75	Cayuga	22 “	16,017.60
Athens	18 “	10,654.28	Chatham	26 “	633,208.59
Aurora	4 “	13,474.90	Chatsworth	26 “	7,466.21
Aylmer	23 “	71,682.62	Chesley	25 “	56,938.95
Ayr	27 “	23,869.67	Chesterville	27 “	39,457.10
Baden	29 “	50,495.83	Chippawa	25 “	26,909.67
Barrie	28 “	259,062.47	Clifford	23 “	12,006.00
Bath	15 “	3,733.13	Clinton	27 “	73,662.33
Beachville	29 “	65,704.85	Cobden	11 “	4,007.37
Beamsville	10 “	12,354.92	Cobourg	15 “	89,789.25
Beaverton	27 “	31,456.46	Colborne	14 “	8,783.90
Beeton	23 “	23,589.30	Coldwater	28 “	22,300.39
Belle River	24 “	17,430.95	Collingwood	28 “	217,218.79
Belleville	18 “	308,428.25	Comber	26 “	27,449.66
Blenheim	26 “	59,882.68	Cookstown	23 “	8,743.70
Bloomfield	18 “	10,433.62	Cottam	20 “	7,521.37
Blyth	23 “	15,939.35	Courtright	23 “	8,828.69
Bobcaygeon	1 “	121.89	Creemore	27 “	18,418.37
Bolton	26 “	27,178.02	Dashwood	24 “	13,357.17
Bothwell	26 “	25,563.19	Delaware	26 “	5,569.24
Bowmanville	15 “	116,286.19	Delhi	9 “	15,334.85
Bradford	23 “	28,513.71	Deseronto	16 “	12,963.51
Braeside	2 “	867.38	Dorchester	27 “	11,999.48
Brampton	30 “	270,140.61	Drayton	23 “	20,203.88
Brantford	27 “	1,500,852.28	Dresden	26 “	50,572.46
Brantford Township	23 “	63,094.99	Drumbo	27 “	10,587.41
Brechin	27 “	11,105.65	Dublin	24 “	8,555.52
Bridgeport	19 “	11,203.43	Dundalk	26 “	20,411.46

Embracing Niagara, Georgian Bay and Eastern Ontario Divisions

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1946

Municipality	Period of years ended Oct. 31, 1946	Amount	Municipality	Period of years ended Oct. 31, 1946	Amount
		$ c.			$ c.
Dundas	30 years	225,385.44	Holstein	25 years	4,067.78
Dunnville	24 “	102,642.44	Humberstone	23 “	36,305.50
Durham	26 “	47,468.69	Huntsville	25 “	96,670.25
Dutton	26 “	30,582.53	Ingersoll	30 “	291,980.39
East York Township	22 “	490,352.64	Iroquois	7 “	4,044.14
Elmira	28 “	120,626.67	Jarvis	23 “	23,909.35
Elmvale	28 “	22,474.41	Kemptville	22 “	32,781.35
Elmwood	23 “	6,802.71	Kincardine	22 “	69,559.74
Elora	27 “	56,938.13	Kingston	9 “	269,055.95
Embro	27 “	17,449.26	Kingsville	23 “	65,939 28
Erieau	23 “	11,616.36	Kirkfield	22 “	4,885.42
Erie Beach	22 “	2,660.34	Kitchener	30 “	2,101,108.16
Essex	23 “	52,058.04	Lakefield	18 “	22,176.88
Etobicoke Township	24 “	409,401.68	Lambeth	26 “	15,290.10
Exeter	25 “	68,128.63	Lanark	22 “	9,978.66
Fergus	27 “	105,598.07	Lancaster	22 “	9,127.55
Finch	19 “	7,466.35	LaSalle	21 “	23,322.45
Flesherton	26 “	9,844.48	Leamington	23 “	148,755.44
Fonthill	21 “	11,359.31	Lindsay	18 “	174,775.22
Forest	24 “	55,152.89	Listowel	25 “	127,436.37
Forest Hill	23 “	326,272.96	London	30 “	3,803,603.03
Galt	30 “	882,012.06	London Township	22 “	35,982.06
Georgetown	28 “	168,937.11	Long Branch	16 “	53,886.92
Glencoe	23 “	31,885.72	Lucan	26 “	27,557.63
Goderich	27 “	194,163.29	Lucknow	22 “	33,231.60
Grand Valley	25 “	18,842.30	Lynden	26 “	19,205.50
Granton	25 “	12,061.43	Madoc	17 “	13,669.24
Gravenhurst	26 “	54,058.08	Markdale	25 “	16,382.09
Grimsby	5 “	11,362.57	Markham	23 “	31,602.92
Guelph	30 “	1,041,848.01	Marmora	18 “	9,561.49
Hagersville	28 “	117,176.72	Martintown	22 “	3,337.12
Hamilton	30 “	8,392,223.98	Maxville	22 “	14,687.08
Hanover	25 “	127,160.81	Meaford	22 “	51,409.55
Harriston	25 “	53,658.62	Merlin	23 “	17,189.01
Harrow	23 “	43,743.07	Merritton	25 “	329,768.28
Hastings	16 “	6,901.48	Midland	28 “	344,509.35
Havelock	18 “	18,714.99	Mildmay	14 “	6,796.51
Hensall	25 “	26,331.42	Millbrook	8 “	2,467.36
Hespeler	30 “	192,906.58	Milton	28 “	154,077.37
Highgate	25 “	14,630.36	Milverton	25 “	62,869.78

Embracing Niagara, Georgian Bay and Eastern Ontario Divisions

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1946

Municipality	Period of years ended Oct. 31, 1946	Amount	Municipality	Period of years ended Oct. 31, 1946	Amount
		$ c.			$ c.
Mimico	29 years	223,418.50	Port Dover	23 years	42,919.66
Mitchell	30 “	70,165.58	Port Elgin	16 “	24,579.11
Moorefield	23 “	9,622.24	Port Hope	17 “	107,223.22
Morrisburg	9 “	6,042.61	Port McNicoll	27 “	9,760.08
Mount Brydges	26 “	11,832.66	Port Perry	22 “	28,761.28
Mount Forest	26 “	52,998.72	Port Rowan	20 “	11,109.19
Napanee	17 “	71,746.19	Port Stanley	29 “	64,091.15
Neustadt	23 “	9,171.71	Prescott	27 “	81,205.36
Newbury	23 “	6,609.35	Preston	30 “	394,180.57
Newcastle	10 “	5,240.35	Priceville	22 “	1,460.97
New Hamburg	30 “	74,662.53	Princeton	27 “	15,117.82
Newmarket	2 “	7,940.59	Queenston	23 “	10,684.11
New Toronto	27 “	756,692.71	Renfrew	2 “	2,153.50
Niagara Falls	26 “	857,376.59	Richmond	19 “	5,318.66
Niagara-on-the-Lake	23 “	51,798.13	Richmond Hill	22 “	33,819.59
North York Township	23 “	342,039.83	Ridgetown	26 “	65,662.02
Norwich	29 “	55,123.43	Ripley	22 “	12,863.25
Norwood	18 “	9,989.38	Riverside	24 “	127,459.49
Oil Springs	23 “	35,813.35	Rockwood	28 “	16,995.95
Omemee	7 “	3,826.90	Rodney	24 “	20,900.33
Orangeville	25 “	71,974.65	Rosseau	16 “	6,040.46
Orono	8 “	2,530.02	Russell	21 “	8,769.41
Oshawa	18 “	921,000.73	St. Catharines	25 “	1,125,909.92
Ottawa	31 “	412,823.15	St. Clair Beach	24 “	10,737.24
Otterville	25 “	13,683.44	St. George	26 “	21,431.60
Owen Sound	26 “	362,046.69	St. Jacobs	24 “	26,335.09
Paisley	22 “	17,178.98	St. Marys	30 “	197,895.11
Palmerston	25 “	67,382.82	St. Thomas	30 “	757,517.61
Paris	27 “	174,063.89	Sarnia	25 “	962,247.77
Parkhill	23 “	29,979.15	Scarborough Twp.	23 “	317,926.62
Penetanguishene	30 “	98,367.31	Seaforth	30 “	93,187.65
Perth	22 “	112,677.57	Shelburne	25 “	29,662.40
Peterborough	18 “	561,787.67	Simcoe	26 “	180,155.68
Petrolia	25 “	152,987.01	Smiths Falls	23 “	165,192.34
Picton	18 “	89,224.06	Smithville	6 “	3,329.18
Plattsville	27 “	14,612.79	Southampton	16 “	23,243.94
Point Edward	24 “	104,740.90	Springfield	24 “	13,355.34
Port Colborne	25 “	156,986.47	Stamford Township	25 “	157,125.00
Port Credit	29 “	66,712.81	Stayner	28 “	26,453.87
Port Dalhousie	25 “	60,737.39	Stirling	17 “	14,953.11

Embracing Niagara, Georgian Bay and Eastern Ontario Divisions

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1946

Municipality	Period of years ended Oct.31, 1946	Amount
		$ c.
Stouffville	23 years	27,563.60
Stratford	30 "	888,118.24
Strathroy	27 "	138,484.19
Streetsville	12 "	6,756.38
Sunderland	27 "	15,114.18
Sutton	23 "	27,498.79
Swansea	21 "	148,244.50
Tara	23 "	13,284.67
Tavistock	25 "	69,829.58
Tecumseh	24 "	41,429.73
Teeswater	22 "	19,322.22
Thamesford	27 "	26,234.26
Thamesville	26 "	26,415.93
Thedford	23 "	15,118.25
Thornbury	2 "	565.14
Thorndale	27 "	12,849.56
Thornton	23 "	5,117.83
Thorold	24 "	166,079.87
Tilbury	26 "	81,448.88
Tillsonburg	30 "	137,131.81
Toronto	30 "	29,183,587.60
Toronto Township	28 "	195,071.54
Tottenham	23 "	16,759.42
Trafalgar Township	10 "	18,273.35
Trenton	15 "	157,893.08
Tweed	16 "	17,486.22
Uxbridge	22 "	31,378.65
Victoria Harbour	27 "	9,822.51
Walkerton	16 "	39,036.34
Wallaceburg	26 "	308,416.85
Wardsville	23 "	5,646.94
Warkworth	18 "	6,365.04
Waterdown	30 "	32,779.59
Waterford	26 "	49,042.64
Waterloo	30 "	420,333.70
		$ c.
Watford	24 years	37,924.63
Waubaushene	27 "	7,472.08
Welland	24 "	518,578.52
Wellesley	25 "	23,346.57
Wellington	18 "	16,825.55
West Lorne	25 "	36,755.76
Weston	30 "	373,354.24
Westport	15 "	8,997.25
Wheatley	23 "	22,344.00
Whitby	18 "	85,372.42
Wiarton	16 "	25,335.63
Williamsburg	26 "	9,526.64
Winchester	27 "	30,480.03
Windermere	17 "	4,214.85
Windsor	27 "	4,709,684.52
Wingham	22 "	61,878.60
Woodbridge	27 "	51,037.31
Woodstock	30 "	638,933.96
Woodville	27 "	14,642.25
Wyoming	25 "	12,431.80
York Township	26 "	1,194,468.79
Zurich	24 "	20,043.41
Ontario Reformatory	12 "	11,541.62
Toronto Transportation Commission	25 "	236,597.29
Sandwich, Windsor & Amherstburg Rly.	24 "	231,146.07
Total Municipalities		$79,782,957.95
Total—Rural Power District		7,735,811.29
Total—Rural lines		781.84
Grand Total		$87,519,551.08

SOUTHERN ONTARIO SYSTEM

Embracing Niagara, Georgian Bay and Eastern Ontario Divisions

RURAL POWER DISTRICT

Operating Account for the year ended October 31, 1946

Revenue from customers in rural power district		$6,961,246.06
Cost of power as provided to be paid under Power Commission Act	$3,258,030.20	
Cost of operation, maintenance and administration	1,983,609.85	
Interest (including interest on sinking fund, renewals, and other reserves and after deducting interest earned on investments)	942,715.98	
Provision for renewals	451,226.89	
Provision for sinking fund	240,780.90	
		6,876,363.82
Balance		$84,882.24

Rates Suspense Account—as at October 31, 1946

Balance at credit November 1, 1945		$3,130,489.19
Interest on account balances		125,197.58
Operating balance for the year		84,882.24
Adjustments made during the year	$1,369.36	
Balance at credit October 31, 1946	3,339,199.65	
	$3,340,569.01	$3,340,569.01

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

SOUTHERN ONTARIO SYSTEM—Rural Lines

Georgian Bay Division

Statement showing Interest, Renewals, Contingencies and Obsolescence and Sinking Fund charged by the Commission to the Municipality that operates the rural line for the year ended October 31, 1946

Operated by	Capital cost	Interest	Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Total interest, renewals, contingencies and obsolescence, and sinking fund charged
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Brechin........	922.02	48.22	18.44	9.22	16.60	92.48

Statement showing the total Sinking Fund in respect of the line, together with interest allowed thereon to October 31, 1946

Operated by	Period of years ended October 31, 1946	Amount
		$ c.
Brechin..	28 years	781.84

THUNDER BAY

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount billed by the Commission against or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To October 31, 1946			Operating maintenance and administrative expenses	Interest	Provision for renewals
	$ c.	$ c.		$ c.	$ c.	$ c.
Fort William	20.00	2,766,661.02	17,325.4	70,107.76	117,794.55	24,592.56
Nipigon Township	28.00	63,081.16	317.1	2,180.31	2,386.79	545.39
Port Arthur	20.00	3,616,102.44	22,714.9	91,302.29	153,908.86	32,074.72
Totals—Municipalities		6,445,844.62	40,357.4	163,590.36	274,090.20	57,212.67
Totals—Rural power district		196,644.33	1,019.2	4,479.97	8,407.14	1,953.34
Totals—Companies		9,717,273.29	63,318.1	262,498.74	409,453.16	81,894.26
Totals—Rainy River district (N.O.P.)		2,520,844.21	17,357.5	59,981.58	107,795.22	20,951.03
Totals—Mining area (mines)		1,961,589.90	8,639.9	130,232.37	83,934.11	8,436.65
Totals—Mining area (townsites)		291,123.71	768.2	27,376.68	12,393.23	750.14
		21,133,320.06				
Non-operating capital		1,748,012.79				
Grand Totals		22,881,332.85	131,460.3	648,159.70	896,073.06	171,198.09

THUNDER BAY

Statement showing the net Credit or Charge to each Municipality in respect of power ments made during the year; also the net amount Credited or Charged to each 1946, and the accumulated amount standing as a Credit

Municipality	Date commenced operating	Net credit or charge at October 31, 1945	
		Credit	Charge
		$ c.	$ c.
Fort William	Oct. 1926	24,701.70	....
Nipigon Township	Jan. 1925	1,422.91	....
Port Arthur	Dec. 1910	36,978.29	....
Totals	....	63,102.90	....

SYSTEM *T.B.—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to each Municipality at interim rates, and the balance credited supplied to it in the year ended October 31, 1946

costs and fixed charges			Cost in excess of revenue from power sold to private companies	Amount chargeable to each municipality in respect of power supplied to it in the year	Amount billed against each municipality at interim rates	Balance credited to each municipality
Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund	Debit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
73,635.45	....	29,087.46	6,774.32	321,992.10	346,507.98	24,515.88
1,379.48	....	594.95	123.99	7,210.91	8,877.41	1,666.50
96,485.61	....	38,017.93	8,881.64	420,671.05	454,298.32	33,627.27
171,500.54	....	67,700.34	15,779.95	749,874.06	809,683.71	59,809.65
4,500.62	....	2,066.70	398.51	21,806.28	21,806.28	....
266,550.16	....	100,654.46	(16,178.46)	1,104,872.32	1,104,872.32	....
11,791.60	....	26,498.93	....	227,018.36	227,018.36	....
84,812.13	(82,103.07)	11,647.72	....	236,959.91	236,959.91	....
18,278.74	(8,232.74)	1,035.63	....	51,601.68	51,601.68	....
557,433.79	(90,335.81)	209,603.78	....	2,392,132.61	2,451,942.26	59,809.65

SYSTEM *T.B.—CREDIT OR CHARGE*

supplied to it to October 31, 1945, the cash receipts and payments thereon, and adjust- Municipality in respect of power supplied in the year ended October 31, or Charge to each Municipality at October 31, 1946

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1946		Accumulated amount standing as a credit or charge on October 31, 1946	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	24,701.70	24,515.88	....	24,515.88	....
....	1,422.91	1,666.50	....	1,666.50	....
....	36,978.29	33,627.27	....	33,627.27	....
....	63,102.90	59,809.65	....	59,809.65	....

THUNDER BAY SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1946

Municipality	Period of years ended October 31, 1946	Amount
		$ c.
Fort William	20 years	1,306,452.57
Nipigon Township	20 years	13,898.32
Port Arthur	20 years	3,396,541.16
Total—Municipalities		4,716,892.05
Total—Rural power district		63,925.12
Grand total		4,780,817.17

THUNDER BAY SYSTEM—RURAL POWER DISTRICT

Operating Account for year ended October 31, 1946

Revenue from customers in rural power district		$62,000.06
Cost of power as provided to be paid under Power Commission Act	$21,806.28	
Cost of operation, maintenance and administration	24,544.15	
Interest (including interest on sinking fund, renewals, and other reserves and after deducting interest earned on investments)	11,900.23	
Provision for renewals	5,556.30	
Provision for sinking fund	2,925.39	
		66,732.35
		($4,732.29)

Rates Suspense Account as at October 31, 1946

Balance at debit, November 1, 1945	$17,902.64	
Interest on account balances	716.12	
Operating balance for the year	4,732.29	
Balance at debit, October 31, 1946		$23,351.05
	$23,351.05	$23,351.05

NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

FINANCIAL ACCOUNTS

For the year ended October 31, 1946

Relating to Power Properties which are held and operated by the Commission in trust for the Province of Ontario, and which are situated in the following Northern Districts:

Abitibi Timiskaming Sudbury Nipissing
Patricia Rainy River Rural Power

STATEMENTS

Balance Sheet as at October 31, 1946

Operating Account for the year ended October 31, 1946

Schedules supporting the Balance Sheet as at October 31, 1946
    Fixed Assets—By Districts
    Fixed Assets—Changes during year
    Renewals Reserve
    Contingencies and Obsolescence Reserve
    Sinking Fund Reserve

THE HYDRO-ELECTRIC POWER

NORTHERN ONTARIO

Held and Operated by The Hydro-Electric Power Commission

BALANCE SHEET AS AT

ASSETS

FIXED ASSETS:			
Abitibi district		$ 28,988,591.40	
Timiskaming district		12,678,934.86	
Sudbury district		4,385,982.83	
Nipissing district		1,479,095.88	
Patricia district		4,885,682.54	
Rainy River district		1,542,341.21	
Rural Power district		1,262,780.08	
		$ 55,223,408.80	
Less: Grants-in-aid of construction:			
Province of Ontario—for rural power district		588,909.91	
			$ 54,634,498.89
CURRENT ASSETS:			
Employees' working funds		$ 18,795.00	
The Hydro-Electric Power Commission of Ontario—current account		2,640,728.47	
Sundry accounts receivable		27,289.04	
Power accounts receivable		614,432.90	
Interest accrued		15,234.38	
Consumers' deposits—securities:			
Bonds at par value	$ 1,204,450.00		
Stocks at market value	223,462.95		
		1,427,912.95	
Prepayments		67,386.00	
			4,811,778.74
INVENTORIES:			
Maintenance materials and supplies		$ 381,613.31	
Maintenance tools and equipment		137,539.06	
			519,152.37
DEFERRED CHARGES AND SUNDRY ASSETS:			
Work in progress—deferred work orders		$ 484,414.47	
Unamortized discount on debentures		74,367.76	
			558,782.23
INVESTMENTS (Including sinking fund investments of $2,396,435.12):			
Province of Ontario and Dominion of Canada bonds at amortized cost			2,436,163.47
			$ 62,960,375.70

COMMISSION OF ONTARIO

PROPERTIES

of Ontario in trust for the Province of Ontario

OCTOBER 31, 1946

LIABILITIES AND RESERVES

LONG TERM LIABILITIES (at par of exchange):		
Funded debt in the hands of the public	$ 30,833,600.00	
Advances from the Province of Ontario for capital purposes	5,497,903.65	
Purchase agreements	5,969.22	
		$ 36,337,472.87
CURRENT LIABILITIES:		
Power accounts—credit balances	$ 2,398.95	
Consumers' deposits	1,611,586.80	
Debenture interest accrued	191,984.70	
Miscellaneous accruals	12,236.36	
		1,818,206.81
RESERVES:		
Renewals	$ 5,300,222.47	
Contingencies and obsolescence	3,401,620.74	
Miscellaneous	296,725.31	
		8,998,568.52
SINKING FUND RESERVES:		
Represented by:		
Funded debt and provincial advances retired through sinking funds	$ 13,185,607.82	
Sinking fund investments	2,396,435.12	
		15,582,042.94
SURPLUS		224,084.56
		$ 62,960,375.70

Auditors' Report

We have made an examination of the balance sheet of the Northern Ontario Properties, held and operated by The Hydro-Electric Power Commission of Ontario in trust for the Province of Ontario, as at October 31, 1946 and of the attached statements of operations and surplus for the year ended on that date. In connection therewith we reviewed the system of internal control and the accounting procedures of the Commission, and, without making a detailed audit of the transactions, have examined or tested accounting records of the Commission and other supporting evidence by methods and to the extent we deemed appropriate.

We report that in our opinion the foregoing balance sheet and related statements of operations and surplus (as more fully reported upon by us to the Lieutenant-Governor in Council) have been drawn up so as to exhibit a true and correct view of the state of the affairs of the Northern Ontario Properties operated by the Commission at October 31, 1946 and the results of their operation for the year ended on that date, according to the best of our information and the explanations given us and as shown by the books.

CLARKSON, GORDON & CO.
Chartered Accountants.

Toronto, Canada,
May 14, 1947.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario in trust for the Province of Ontario

Statement of Operations for the year ended October 31, 1946

REVENUE:		
Power sold to private companies and other customers		$6,096,699.60
COST OF OPERATION:		
Power purchased	$273,507.96	
Operating, maintenance and administrative expenses	2,127,683.38	
Interest (including interest on sinking fund, renewals, and other reserves and after deducting interest earned on investments)	1,966,735.53	
Provision for renewals	484,696.78	
Provision for contingencies	nil	
Provision for sinking fund	1,559,352.05	
		6,411,975.70
NET LOSS ON OPERATIONS FOR YEAR		$315,276.10

Statement of Surplus for the year ended October 31, 1946

Balance at credit November 1, 1945	$577,316.24
Adjustment of reserves provided in 1945	37,955.58
	$539,360.66
Less:	
Net loss on operations for year ended October 31, 1946	315,276.10
BALANCE AT CREDIT OCTOBER 31, 1946	$224,084.56

NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario in Trust for the Province of Ontario

FIXED ASSETS—October 31, 1946

Property	Under construction	In service		Total
		Non-depreciable	Depreciable	
	$ c.	$ c.	$ c.	$ c.
ABITIBI DISTRICT				
Power Plants:				
Abitibi river:				
Abitibi Canyon	5,720.40	5,530,862.63	13,448,189.21	18,984,772.24
Frederick House dam	29,142.55	124,513.86	731,385.05	885,041.46
Dasserat Lake diversion	....	4,220.89	34,471.80	38,692.69
Watabeag Lake Dam	....	6,983.63	64,565.68	71,549.31
	34,862.95	5,666,581.01	14,278,611.74	19,980,055.70
Transformer Stations	26,805.67	215,856.69	2,087,755.04	2,330,417.40
Transmission Lines	48,362.14	830,142.02	5,704,121.16	6,582,625.32
Local Systems	346.83	....	95,146.15	95,492.98
	110,377.59	6,712,579.72	22,165,634.09	28,988,591.40
TIMISKAMING DISTRICT				
Power Plants:				
Matabitchuan river:				
Matabitchuan	....	3,240.00	650,902.72	654,142.72
Storage dams	....	....	134,000.00	134,000.00
Montreal river:				
Upper Notch	....	4,860.00	1,378,172.00	1,383,032.00
Fountain Falls	....	....	349,751.00	349,751.00
Ragged Chute	....	....	976,000.00	976,000.00
Hound Chute	119.87	3,240.00	446,620.00	449,979.87
Indian Chute	3,094.53	....	409,800.00	412,894.53
Storage dams	....	....	165,000.00	165,000.00
Mattagami river:				
Sandy Falls	....	....	520,955.00	520,955.00
Wawaitin	....	....	764,212.00	764,212.00
Lower Sturgeon	....	53,250.00	775,333.00	828,583.00
Storage dams	....	1,944.00	161,056.00	163,000.00
Intangible	....	858,699.15	....	858,699.15
	3,214.40	925,233.15	6,731,801.72	7,660,249.27
Transformer Stations	9,496.35	....	1,208,621.59	1,218,117.94
Transmission Lines	29,226.20	290,360.00	1,957,911.60	2,277,497.80
Office and Service Buildings	....	....	153,967.79	153,967.79
Local Distribution Systems	....	....	1,369,102.06	1,369,102.06
	41,936.95	1,215,593.15	11,421,404.76	12,678,934.86

NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario in Trust for the Province of Ontario

FIXED ASSETS—October 31, 1946

Property	Under Construction	In service		Total
		Non-depreciable	Depreciable	
SUDBURY DISTRICT	$ c.	$ c.	$ c.	$ c.
Power Plants:				
Wanapitei river:				
Coniston	3,819.42	13,597.20	732,799.66	750,216.28
McVitties	1,106.97	13,323.00	387,797.21	402,227.18
Stinson	621.99	33,000.00	656,001.78	689,623.77
Storage dam	....	25.00	194,870.00	194,895.00
Intangible	....	830,514.53	....	830,514.53
Sturgeon river:				
Crystal Falls and Storage dams	....	44,531.27	938,469.02	983,000.29
	5,548.38	934,991.00	2,909,937.67	3,850,477.05
Transformer Stations	281.83	....	76,779.39	77,061.22
Transmission Lines	128.20	....	458,316.36	458,444.56
	5,958.41	934,991.00	3,445,033.42	4,385,982.83
NIPISSING DISTRICT				
Power Plants:				
South river:				
Nipissing	....	11,089.60	242,559.52	253,649.12
Bingham Chute	....	12,105.05	244,854.55	256,959.60
Elliot Chute	....	119,307.09	334,834.33	454,141.42
Storage dams	....	....	76,122.70	76,122.70
Miscellaneous	....	....	2,678.64	2,678.64
Intangible	....	69,478.34	....	69,478.34
	....	211,980.08	901,049.74	1,113,029.82
Transformer Stations	686.27	....	64,989.79	65,676.06
Transmission Lines	747.84	....	260,898.24	261,646.08
Local Systems	....	2,219.65	36,524.27	38,743.92
	1,434.11	214,199.73	1,263,462.04	1,479,095.88
PATRICIA DISTRICT				
Power Plants:				
English river:				
Ear Falls	73,408.18	566.75	1,813,719.46	1,887,694.39
Albany river:				
Rat Rapids	59,170.60	39,297.44	556,023.96	654,492.00
	132,578.78	39,864.19	2,369,743.42	2,542,186.39
Transformer Stations	5,325.11	....	183,427.17	188,752.28
Transmission Lines	250,770.06	....	1,847,787.81	2,098,557.87
Local System	3,383.49	....	52,802.51	56,186.00
	392,057.44	39,864.19	4,453,760.91	4,885,682.54

NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario in Trust for the Province of Ontario

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FIXED ASSETS—October 31, 1946

Property	Under Construction	In service		Total
		Non-depreciable	Depreciable	
RAINY RIVER DISTRICT	$ c.	$ c.	$ c.	$ c.
Transformer Stations	115.73		148,546.21	148,661.94
Transmission Lines	2,211.54	349,563.46	1,009,636.70	1,361,411.70
Local System			32,267.57	32,267.57
	2,327.27	349,563.46	1,190,450.48	1,542,341.21
NORTHERN ONTARIO PROPERTIES RURAL POWER DISTRICT				
Transformer Stations			10,820.23	10,820.23
H-E.P.C. investment	62,835.52		600,214.42	663,049.94
Government grants	62,835.51		526,074.40	588,909.91
	125,671.03		1,137,109.05	1,262,780.08

FIXED ASSETS—Summary, October 31, 1946

Property	Under Construction	In service		Total
		Non-depreciable	Depreciable	
	$ c.	$ c.	$ c.	$ c.
Abitibi district	110,377.59	6,712,579.72	22,165,634.09	28,988,591.40
Timiskaming district	41,936.95	1,215,593.15	11,421,404.76	12,678,934.86
Sudbury district	5,958.41	934,991.00	3,445,033.42	4,385,982.83
Nipissing district	1,434.11	214,199.73	1,263,462.04	1,479,095.88
Patricia district	392,057.44	39,864.19	4,453,760.91	4,885,682.54
Rainy River district	2,327.27	349,563.46	1,190,450.48	1,542,341.21
Rural power district	125,671.03		1,137,109.05	1,262,780.08
	679,762.80	9,466,791.25	45,076,854.75	55,223,408.80
Less:				
Grants-in-aid of construction: Province of Ontario for rural power district				588,909.91
				54,634,498.89

NORTHERN ONTARIO
CHANGES IN FIXED ASSETS—

Class of asset	Balance at beginning of year	Expenditure during year
	$ c.	$ c.
POWER PLANTS:		
Abitibi district	19,894,966.01	86,499.69
Timiskaming district	8,329,892.57	5,073.33
Sudbury district	3,846,859.42	3,736.63
Nipissing district	1,110,056.79	3,731.99
Patricia district	2,409,822.34	132,578.78
	35,591,597.13	231,620.42
TRANSFORMER STATIONS:		
Abitibi district	2,292,456.78	39,077.10
Timiskaming district	1,180,075.15	13,359.15
Sudbury district	77,703.38	627.83
Nipissing district	52,775.61	13,211.90
Patricia district	172,054.65	17,019.12
Rainy River district	147,415.56	881.26
	3,922,481.13	84,176.36
TRANSMISSION LINES:		
Abitibi district	6,500,252.32	83,861.12
Timiskaming district	2,200,751.87	69,802.81
Sudbury district	459,180.39	130.24
Nipissing district	213,111.42	72,290.81
Patricia district	1,806,916.78	291,641.09
Rainy River district	1,360,316.08	1,725.62
	12,540,528.86	519,451.69
LOCAL SYSTEMS:		
Abitibi district	91,967.77	3,525.21
Timiskaming district	697,238.35	39,679.50
Nipissing district	37,490.10	1,253.82
Patricia district	50,680.33	5,505.67
Rainy River district	31,905.24	362.33
	909,281.79	50,326.53
OFFICE AND SERVICE BUILDINGS:		
Timiskaming district	152,841.06	3,126.73
RURAL POWER DISTRICT:		
Transformer station	10,820.23	....
H-E.P.C. investment	526,221.59	132,189.37
Government grants	453,247.92	131,023.02
	990,289.74	263,212.39
	54,107,019.71	1,151,914.12
Less: Grants in aid of construction: Province of Ontario for rural power district	453,247.92	135,661.99
	53,653,771.79	1,016,252.13

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* Includes revision of book values of assets acquired from Northern Ontario Power Company in 1945.

PROPERTIES

During Year Ended October 31, 1946

*Adjustments	Retirements		Balance at end of year
	Values recovered (stores, sales and salvage)	Charged to reserves and operations	
$ c.	$ c.	$ c.	$ c.
	200.00	*1,210.00*	19,980,055.70
666,740.64	*7,975.99*		7,660,249.27
		119.00	3,850,477.05
600.00	*12.57*	*146.39*	1,113,029.82
212.00		*2.73*	2,542,186.39
667,552.64	*8,188.56*	*1,478.12*	35,145,998.23
		1,116.48	2,330,417.40
24,880.64	*7.00*	*190.00*	1,218,117.94
32.00	*643.54*	*594.45*	77,061.22
600.00		*911.45*	65,676.06
244.00		*565.49*	188,752.28
630.00		*264.88*	148,661.94
26,322.64	*650.54*	*3,642.75*	4,028,686.84
4,524.00	*59.81*	*5,952.31*	6,582,625.32
7,024.00	*80.88*		2,277,497.80
		866.07	458,444.56
9,486.00	*175.65*	*14,094.50*	261,646.08
			2,098,557.87
630.00			1,361,411.70
1,432.00	*316.34*	*20,912.88*	13,040,183.33
			95,492.98
632,312.00	*69.79*	*58.00*	1,369,102.06
			38,743.92
			56,186.00
			32,267.57
632,312.00	*69.79*	*58.00*	1,591,792.53
2,000.00			153,967.79
			10,820.23
4,743.00	*6.52*	*97.50*	663,049.94
4,743.00	*6.53*	*97.50*	588,909.91
9,486.00	*13.05*	*195.00*	1,262,780.08
	9,238.28	*26,286.75*	55,223,408.80
			588,909.91
	9,238.28	*26,286.75*	54,634,498.89
	Renewals	*5,700.25*	
	Contingencies	*20,285.73*	
	Operation	*300.77*	
		26,286.75	

NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario in trust for the Province of Ontario

Renewals Reserve—October 31, 1946

Balance at November 1, 1945		$4,624,236.40
Adjustment of provision for the year 1945		12,208.30
		$4,636,444.70
Provision in the year	$484,696.78	
Adjustment in respect of equipment transferred during the year	2,009.07	
Interest at 4% on reserve balance	185,457.79	672,163.64
		$5,308,608.34
Less:		
Expenditures in the year for renewals	$2,685.62	
Amount withdrawn in respect of assets removed from service, etc.	5,700.25	8,385.87
Balance at October 31, 1946		$5,300,222.47

Contingencies and Obsolescence Reserve—October 31, 1946

Balance at November 1, 1945		$3,315,100.61
Adjustment of provision for the year 1945		6,252.02
		$3,321,352.63
Interest at 4% on reserve balance		134,884.16
		$3,456,236.79
Less:		
Contingencies met with during the year	$34,330.32	
Excess of fixed asset retirements over accumulated renewals provision	20,285.73	54,616.05
Balance at October 31, 1946		$3,401,620.74

Sinking Fund Reserve—October 31, 1946

Balance at November 1, 1945		$13,480,355.00
Adjustment of provision for the year 1945		19,495.26
		$13,499,850.26
Provision in the year	$1,559,352.05	
Interest at 4% on reserve balance	522,840.63	2,082,192.68
Balance at October 31, 1946		$15,582,042.94

THE HAMILTON STREET RAILWAY COMPANY

(A wholly-owned Subsidiary of The Hydro-Electric Power Commission of Ontario—Southern Ontario System)

FINANCIAL ACCOUNTS

For the period November 1, 1945 to September 15, 1946

Operating Statement

Note— For statement respecting sale of shares of this Company see page xxii of introduction to this Report.

THE HAMILTON STREET RAILWAY COMPANY

(A wholly-owned subsidiary of the Hydro-Electric Power Commission of Ontario—Southern Ontario System)

Statement of Operations for the Period November 1, 1945 to September 15, 1946

REVENUES:	
Transportation	$2,135,483.12
Other operations	18,003.86
	$2,153,486.98
EXPENSES:	
Maintenance of way and structures	$69,382.22
Maintenance of equipment	280,954.28
Electric power and motor fuel	192,083.83
Transportation expenses	495,047.30
General and miscellaneous expenses	162,040.76
Taxes (municipal and franchise)	103,844.09
	$1,303,352.48
Provision for depreciation of buses	47,449.50
	$1,350,801.98
NET REVENUE FOR THE PERIOD NOVEMBER 1, 1945 TO SEPTEMBER 15, 1946—before providing for depreciation on properties and equipment other than buses	$802,685.00

Statement of Surplus for the Period November 1, 1945 to September 15, 1946

Balance at credit November 1, 1945		$53,443.06
Net revenue for period November 1, 1945 to September 15, 1946		802,685.00
Transferred from Insurance and Miscellaneous reserves no longer required		143,617.78
		$999,745.84
Less:		
Dividends paid to the Hydro-Electric Power Commission of Ontario prior to the sale by the Commission, by tender, of all of the company's shares on September 16, 1946, allocated in the Commission's accounts as follows:		
Ordinary dividend (equal to interest for the period on the Commission's investment in the railway)	$78,993.52	
Special dividend to distribute certain current assets of the company as provided by the terms and conditions of sale	697,620.96	
		$776,614.48
Balance at the credit of surplus account of The Hamilton Street Railway Company as at the date of the sale of all of the company's shares by the Commission on September 16, 1946		$223,131.36

SECTION X

MUNICIPAL ACCOUNTS

and

Statistical Data Relating to Hydro-Electric Distribution Systems Operated by Individual Municipalities Served by The Hydro-Electric Power Commission of Ontario

The Municipal Accounts section of this report presents in summary, and individually, the results of the operation of the local electrical utilities in municipalities owning their own distributing systems and operating with energy supplied by or through The Hydro-Electric Power Commission.

Financial statements prepared from the books of these Hydro utilities are submitted herein to show how each has operated during the past year, and its financial status at the present time. Other tables give useful statistical information respecting average costs for the various classes of service and the rates in force.

The books of account of the electrical utilities in all municipalities which have contracted with The Hydro-Electric Power Commission of Ontario for a supply of power are kept in accordance with an accounting system designed by the Commission. During the year 1946 this standard method of accounting was installed in Bobcaygeon.

Periodical inspections are made of the books of all Hydro electrical utilities and local officials are assisted in the improvement of their office routine with a view of standardizing, as far as possible, the methods employed. In the majority of the smaller municipalities much of the book-keeping for the electrical utilities is performed by representatives of the municipal accounting department of the Commission as a measure of economy. This arrangement insures the correct application of the standard accounting system, with resultant uniformity in classification of revenues and expenditures; secures true reflections of the actual operating results for the year, and greatly enhances the comparative values of the reports.

The first financial statement in this section presents consolidated balance sheets for the past eight years. Similar data for earlier years since 1913 were published in the Report for 1943. This consolidated statement combines the balance sheets of all local municipal Hydro utilities receiving power under cost contracts. It is worth noting that the total plant value has increased from $10,081,469.16 in 1913 to $110,207,968.64 in 1946, and the total assets from $11,907,826.86 to $232,876,284.85. The liabilities have not increased in the same proportion as the assets, rising from $10,468,351.79 to a maximum of $52,685,316.86 in 1932, and receding to $14,308,521.54 in 1946. The reasons for this are the regular fulfilment of debt retirement schedules under serial debenture provisions or by maturity of sinking funds, and also the fact that much of the cost of the increasing plant value has been financed out of reserves and surplus without increasing the capital liabilities of the respective utilities. By this procedure the funds of the systems are used to best advantage. Examination of the results will also show that there is a steady decline in the percentage of net liabilities to total assets; being from 88.0 per cent in 1913 to 5.6 per cent in 1946. The equities in The Hydro-Electric Power Commission's systems automatically acquired through the inclusion of sinking funds as part of the cost of power are not taken into account in arriving at these percentages.

The second financial statement presents consolidated operating reports for the past eight years and combines the results from all local municipal Hydro utilities receiving power under cost contracts. After providing for every cost of operation and fixed charges, including the standard provision for depreciation, the combined operating reports show a net surplus of $3,435,910.73 for 1946. (See also diagrams in Foreword to Report.)

The five statements, "A" to "E", following the two consolidated reports show the financial status of each municipal utility and the results of operations, giving classified information respecting revenue, operating costs, number of consumers and consumption, cost of power to municipalities, power and lighting rates charged to consumers, etc. In statements "A" and "B", the municipalities are arranged alphabetically under each system; in statement "D" the municipalities are arranged in three groups—cities, towns and small municipalities; in statements "C" and "E" all municipalities are arranged alphabetically. (Statement "C" suspended, see below.)

Statement "A" presents the balance sheet of each electrical utility. The plant values are shown under the general subdivisions specified in the standard accounting system and the other items on the positive side of the ledger which are included in total assets are self-explanatory.

In conformity with a policy of service at cost to the customer, refunds by cash or credit are made during the year in many municipalities from surplus funds accrued to the credit of municipal services, such as street lighting, water works, sewage disposal, etc., and to individual customers. The total thus returned to customers during the year 1946 amounted in round figures to $465,000.00.

The reserves for depreciation, and the acquired equity in The Hydro-Electric Power Commission's systems, are listed individually and totalled; and under the heading "surplus" are included not only the operating surplus but the accumulation of sinking fund applicable to debenture debt and also the amount of debentures already retired out of revenue.

The depreciation reserve now amounts to 36.7 per cent of the total depreciable plant, while the depreciation reserve and surplus combined have already reached the sum of $130,541,067.00, being equal to 118.4 per cent of the total plant cost.

Statement "B" shows the detailed operating report for each municipal electrical utility. It gives annual revenues from the various classes of consumers; the items of expenditure which make up the total annual expenditure and the sums set aside for depreciation. The population served by each local utility and the number of consumers of each class are also shown.

The item "cost of power supplied by H-E.P.C." in this statement includes the debit or credit balances ascertained by the annual adjustment of the cost of power supplied to the municipalities by the Commission.*

Of the 304 municipal electrical utilities included in this statement, 278 received from consumers revenue sufficient to meet in full all operating expenses, interest, debt retirement instalments, and standard depreciation reserve allocation and to yield an aggregate net surplus of $3,475,072.51 for the year; 23 were able to defray out of revenue all such charges except a portion of the standard depreciation allocation aggregating $38,233.32, in the case of 3 utilities the revenue was less than the total operating expenses, interest and debt retirement instalments by $247.10.

Statement "C". Conditions respecting street lighting were not back to normal throughout 1946, the statement is therefore again omitted in this year's Report.

Statement "D" presents statistics relating to the supply of electrical energy to consumers in Ontario municipalities served by the Commission. It shows the revenue, kilowatt-hour consumption, number of consumers, average monthly consumption, average monthly bill and the net average cost per kilowatt-hour both for domestic and for commercial light service in each municipality. For power service this statement shows the revenue, the number of consumers and the average horsepower supplied by the municipal utility.† For further reference to this informative statement, consult the special introduction to it on page 320.

Statement "E" presents the cost per horsepower of the power provided for and delivered to the municipalities by the Commission, and the local rates to consumers in force in the respective municipalities, during the year 1946, for domestic service, for commercial light service and for power service.

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*In 1939 and 1940 a number of municipalities asked permission to take power cost adjustments into the following year, to facilitate the earlier closing of their books. On this account, from 1941 on, with few exceptions the Balance Sheet shows the previous year's equity in Hydro Commission properties; and the Cost of Power in the Operating Statement includes the previous year's adjustments.

†The statistics include retail power only. Wholesale industrial power as supplied by the Commission direct, is reported in Section IX.

CONSOLIDATED

Year	1939	1940	1941
Number of municipalities included	293	295	296
ASSETS	$ c.	$ c.	$ c.
Lands and buildings	11,030,623.50	11,218,258.69	11,488,173.96
Substation equipment	23,780,655.18	24,282,151.78	24,896,262.26
Distribution system—overhead	23,925,362.60	24,653,458.44	25,228,363.52
Distribution system—underground	6,202,371.87	6,214,957.69	6,391,399.25
Line transformers	10,855,346.75	11,030,643.29	11,817,440.89
Meters	9,838,600.98	9,927,971.40	10,644,655.81
Street lighting equipment—regular	2,798,171.62	2,879,996.65	2,940,055.38
Street lighting equipment—ornamental	1,518,035.24	1,534,320.08	1,540,369.82
Miscellaneous construction expenses	4,147,280.84	4,341,259.94	4,366,893.41
Steam or hydraulic plant	498,650.81	498,575.87	445,118.58
Old plant	4,894,655.59	1,332,606.12	1,329,860.41
Total plant	99,489,754.98	97,914,199.95	101,088,593.29
Bank and cash balance	3,107,087.65	4,462,197.18	2,991,173.27
Securities and investments	4,850,531.80	5,315,855.49	8,368,139.57
Accounts receivable	4,774,816.58	4,715,848.86	4,116,252.29
Inventories	1,496,275.62	1,630,987.28	1,984,025.53
Sinking fund on local debentures	11,032,594.44	5,829,573.87	5,530,647.79
Equity in H-E.P.C. systems	48,615,296.94	52,457,676.76	52,458,225.18
Other assets	156,520.39	258,395.70	226,034.26
Total assets	173,522,878.40	172,584,735.09	176,763,091.18
LIABILITIES			
Debenture balance	27,962,685.51	20,636,363.20	17,805,415.36
Accounts payable	3,100,565.26	3,095,613.25	3,088,145.27
Bank overdraft	180,064.81	187,038.91	302,744.63
Other liabilities	2,998,174.20	3,004,624.22	2,987,132.70
Total liabilities	34,241,489.78	26,923,638.58	24,183,437.96
RESERVES			
For equity in H-E.P.C. systems	48,615,296.94	52,457,676.76	52,458,225.18
For depreciation	24,046,526.92	25,733,628.33	27,795,985.72
Other reserves	3,090,471.34	3,326,591.65	3,592,384.90
Total reserves	75,752,295.20	81,517,896.74	83,846,595.80
SURPLUS			
Debentures paid	32,866,660.82	37,245,922.84	39,943,340.75
Local sinking fund	11,032,594.44	5,829,573.87	5,530,647.79
Operating surplus	19,629,838.16	21,067,703.06	23,259,068.88
Total surplus	63,529,093.42	64,143,199.77	68,733,057.42
Total liabilities, reserves and surplus	173,522,878.40	172,584,735.09	176,763,091.18
Percentage of net debt to total assets	19.3	17.4	14.6

BALANCE SHEET

1942	1943	1944	1945	1946
297	298	298	304	304
$ c.	$ c.	$ c.	$ c.	$ c.
11,546,286.55	11,664,887.81	11,713,108.74	11,879,469.56	11,830,325.45
25,359,352.47	25,392,202.96	25,805,344.10	26,201,620.92	26,778,943.63
25,572,132.86	25,773,224.22	26,075,416.77	26,835,864.78	27,810,938.64
6,446,133.75	6,451,393.47	6,385,742.19	6,539,797.63	6,848,694.50
12,209,624.79	12,353,367.17	12,698,080.21	13,360,997.73	14,247,872.95
10,938,305.73	11,117,612.15	11,339,479.64	11,742,720.68	12,325,105.86
2,928,896.30	2,903,704.11	2,926,365.70	3,066,246.06	3,268,433.46
1,543,717.00	1,542,294.82	1,542,819.42	1,551,628.63	1,555,698.39
4,091,006.92	3,740,027.08	3,414,557.25	3,469,256.69	3,802,802.98
422,172.72	397,576.71	368,022.38	1,005,980.83	1,080,730.83
1,028,830.05	936,561.90	820,607.24	692,517.55	658,421.95
102,086,459.14	102,272,852.40	103,089,543.64	106,346,101.06	110,207,968.64
2,482,945.50	2,341,996.68	1,947,073.36	1,744,827.39	3,584,075.84
12,592,455.09	17,037,057.29	21,245,620.67	27,530,379.33	27,152,189.81
3,614,066.68	3,347,449.72	3,710,514.76	3,682,108.35	4,133,184.23
2,047,430.38	1,750,799.42	1,622,866.57	1,735,925.21	2,193,231.80
5,445,199.46	5,028,551.56	4,880,499.77	4,952,718.62	4,609,214.16
57,080,491.77	62,031,673.13	69,486,548.01	75,002,351.38	80,670,336.85
197,190.92	537,366.80	192,661.46	290,022.85	326,083.52
185,546,238.94	194,347,747.00	206,175,328.24	221,284,434.19	232,876,284.85
16,184,642.53	13,657,032.51	11,612,359.10	10,612,595.02	9,049,583.60
2,399,404.91	2,699,630.77	1,701,420.70	2,528,081.42	2,267,268.71
105,571.05	118,834.40	174,491.81	429,585.64	355,417.71
2,806,844.10	2,618,742.94	2,584,979.26	2,707,515.21	2,636,251.52
21,496,462.59	19,094,240.62	16,073,250.87	16,277,777.29	14,308,521.54
57,080,491.77	62,031,673.13	69,486,548.01	75,002,351.38	80,670,336.85
29,840,207.73	32,138,469.64	34,006,953.37	36,331,919.08	38,253,203.71
4,907,609.88	5,449,398.96	6,308,596.82	6,979,074.47	7,356,359.46
91,828,309.38	99,619,541.73	109,802,098.20	118,313,344.93	126,279,900.02
41,183,741.27	43,552,091.22	45,475,788.84	47,340,018.06	48,935,858.04
5,445,199.46	5,028,551.56	4,880,499.77	4,952,718.62	4,609,214.16
25,592,526.24	27,053,321.87	29,943,690.56	34,400,575.29	38,742,791.09
72,221,466.97	75,633,964.65	80,299,979.17	86,693,311.97	92,287,863.29
185,546,238.94	194,347,747.00	206,175,328.24	221,284,434.19	232,876,284.85
11.9	10.0	7.4	7.0	5.6

CONSOLIDATED

YEAR	1939	1940	1941
Number of municipalities included	293	295	296
EARNINGS	$ c.	$ c.	
Domestic service	13,038,748.37	13,705,710.79	14,287,828.19
Commercial light service	7,077,144.74	7,642,679.90	7,885,693.81
Commercial power service	10,957,719.66	12,458,439.08	14,591,053.03
Municipal power	1,760,977.25	1,741,235.23	1,832,379.38
Street lighting	1,831,090.33	1,842,443.63	1,880,560.01
Merchandise	28,874.86	56,818.83	58,695.51
Miscellaneous	595,235.49	577,959.98	526,771.53
Total earnings	35,289,790.70	38,025,287.44	41,062,981.46
EXPENSES			
Cost of power supplied by H-E.P.C.	21,855,595.20	23,756,863.14	26,017,260.84
Substation operation	516,987.25	544,234.10	552,820.54
Substation maintenance	377,013.25	322,375.73	316,677.27
Distribution system, operation and maintenance	943,859.59	930,055.53	993,886.44
Line transformer maintenance	95,577.72	101,617.16	114,304.18
Meter maintenance	386,145.71	372,562.74	409,252.72
Consumers' premises expenses	488,980.55	568,135.41	604,642.97
Street lighting, operation and maintenance	384,071.55	366,911.70	379,905.55
Promotion of business	317,467.64	293,022.17	262,910.03
Billing and collecting	1,008,065.66	1,020,648.93	1,074,173.90
General office, salaries and expenses	966,550.98	960,065.70	1,053,367.83
Undistributed expense	463,456.65	555,414.26	480,317.80
Truck operation and maintenance	80,263.46	79,848.64	93,032.89
Interest	1,594,040.32	1,464,381.29	1,027,985.34
Sinking fund and principal payments on debentures	2,420,441.30	2,389,723.60	2,248,937.42
Total expenses	31,898,516.83	33,725,860.10	35,629,475.72
Surplus	3,391,273.87	4,299,427.34	5,433,505.74
Depreciation and other reserves	2,524,364.33	2,644,127.10	2,933,730.99
Surplus less depreciation	866,909.54	1,655,300.24	2,499,774.75

OPERATING REPORT

1942	1943	1944	1945	1946
297	298	298	304	304
				$ c.
14,874,937.14	14,933,681.48	15,371,752.19	15,543,145.28	16,852,308.83
7,604,860.27	6,713,348.61	7,219,403.43	8,150,923.90	8,979,037.16
15,433,320.91	15,687,273.31	16,222,143.48	15,544,685.89	15,707,154.73
2,026,826.92	2,031,027.12	2,111,454.22	2,134,062.24	2,161,079.81
1,820,216.28	1,686,149.29	1,729,320.48	1,922,281.13	1,975,024.68
50,276.58	31,300.28	35,378.31	65,590.57	179,252.65
680,825.29	782,170.04	897,433.28	1,097,719.02	1,210,440.76
42,491,263.39	41,864,950.13	43,586,885.39	44,457,808.03	47,064,298.62
26,459,900.78	26,587,877.32	26,937,460.31	26,633,166.70	29,131,997.88
581,259.02	612,227.01	611,878.05	654,305.46	753,931.65
361,643.95	370,797.74	419,983.12	423,473.57	444,276.75
1,087,818.81	1,143,720.84	1,147,646.14	1,243,381.36	1,404,441.08
133,888.95	145,094.88	145,701.29	155,240.82	168,429.61
440,877.18	443,307.27	445,437.44	470,203.18	528,810.47
513,565.10	527,810.36	513,953.14	581,603.20	699,773.37
397,614.93	380,405.50	445,945.93	487,565.20	493,443.23
193,692.33	171,894.14	156,566.54	171,063.89	183,606.79
1,171,345.63	1,226,185.63	1,264,759.35	1,305,542.48	1,428,246.45
1,067,535.39	1,117,334.29	1,139,174.46	1,201,915.79	1,319,972.30
553,599.71	510,448.34	522,204.17	640,831.75	831,176.06
99,379.20	94,830.33	104,222.84	123,720.21	147,458.42
973,383.83	844,161.48	707,925.20	710,300.94	525,588.16
2,006,148.29	1,871,119.81	1,564,537.45	1,255,825.57	1,239,108.29
36,041,653.10	36,047,214.94	36,127,395.43	36,058,140.12	39,300,260.51
6,449,610.29	5,817,735.19	7,459,489.96	8,399,667.91	7,764,038.11
3,586,198.82	3,867,107.58	3,521,114.82	3,953,728.83	4,328,127.38
2,863,411.47	1,950,627.61	3,938,375.14	4,445,939.08	3,435,910.73

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM

Municipality	Acton	Agincourt	Ailsa Craig	Alexandria	Alliston
Population	1,976	P.V.	395	1,904	1,528
	$ c.	$ c.	$ c.	$ c.	$ c.
ASSETS					
Lands and buildings	1,627.38			202.00	
Substation equipment	2,318.36				675.73
Distribution system—overhead	28,947.92	10,728.28	7,970.21	29,090.66	33,892.96
Distribution system—underground					
Line transformers	18,489.97	7,117.18	3,814.67	10,604.60	14,157.87
Meters	14,549.45	4,056.65	2,975.88	9,772.76	11,483.20
Street light equipment, regular	2,631.85	1,073.49	457.58	2,251.57	1,962.51
Street light equipment, ornamental					
Miscellaneous construction expense	2,964.30	152.60	492.36	5,549.70	2,678.80
Steam or hydraulic plant					
Old plant				4,466.89	7,846.49
Total plant	71,529.23	23,128.20	15,710.70	61,938.18	72,697.56
Bank and cash balance	40.00	2,754.40	1,617.60	2,850.44	65.45
Securities and investments	20,000.00	14,000.00	9,500.00	33,000.00	13,500.00
Accounts receivable	1,756.49	135.91	787.11	3,241.27	293.16
Inventories	1,184.54				19.05
Sinking fund on local debentures					
Equity in H-E.P.C. systems	108,576.51	17,095.45	21,677.45	42,065.95	36,024.42
Other assets	1.04				
Total assets	203,087.81	57,113.96	49,292.86	143,095.84	122,599.64
LIABILITIES					
Debenture balance					2,300.82
Accounts payable	270.68	543.62	354.79	6.80	104.65
Bank overdraft	317.01				
Other liabilities	1,296.70		110.00	1,221.48	399.00
Total liabilities	1,884.39	543.62	464.79	1,228.28	2,804.47
RESERVES					
For equity in H-E.P.C. systems	108,576.51	17,095.45	21,677.45	42,065.95	36,024.42
For depreciation	15,683.38	5,915.08	9,010.48	26,334.63	18,579.62
Other reserves	2,200.00	1,542.90		1,878.23	7,832.51
Total reserves	126,459.89	24,553.43	30,687.93	70,278.81	62,436.55
SURPLUS					
Debentures paid	14,500.00	8,072.65	6,883.38	48,133.84	37,699.18
Local sinking fund					
Operating surplus	60,243.53	23,944.26	11,256.76	23,454.91	19,659.44
Total surplus	74,743.53	32,016.91	18,140.14	71,588.75	57,358.62
Total liabilities, reserves and surplus	203,087.81	57,113.96	49,292.86	143,095.84	122,599.64
Percentage of net debt to total assets	2.0	1.3	1.7	1.2	3.2

"A"

Hydro Municipalities as at December 31, 1946

Almonte 2,250	Alvinston 611	Amherstburg 2,826	Ancaster Twp. V.A.	Apple Hill P.V.	Arkona 374	Arnprior 4,010
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
10,037.25	1,933.56	....	243.56	169.06	....	8,000.00
23,364.86	....	....	....	....	....	....
34,749.15	17,091.34	44,351.24	24,411.47	3,009.09	10,339.49	30,219.29
....	....	....	....	....	....	....
17,740.80	3,801.25	27,408.47	16,992.90	1,723.37	3,521.48	16,363.06
12,803.91	4,383.83	18,801.51	7,711.47	1,439.24	2,515.05	16,978.33
6,179.04	1,301.74	2,132.57	1,547.72	421.12	750.31	6,119.35
....	....	5,598.72	....	....	....	....
1,588.80	975.66	4,836.05	2,773.66	218.18	240.35	97.19
105,153.80	....	....	....	....	....	....
....	....	....	....	709.55	1,030.30	....
211,617.61	29,487.38	103,128.56	53,680.78	7,689.61	18,396.98	77,777.22
2,199.16	454.00	2,230.08	713.14	2,076.97	370.13	25.00
8,450.00	11,000.00	37,850.00	6,000.00	4,000.00	4,000.00	39,000.00
2,160.25	320.69	1,162.05	1,400.59	254.83	28.61	588.84
3,939.17	....	....	456.00	....	....	6,172.67
....	....	....	....	....	....	....
576.46	21,585.92	82,598.43	26,821.13	4,844.51	9,298.81	17,413.36
....	....	20.83	34.89	....	....	....
228,942.65	62,847.99	226,989.95	89,106.53	18,865.92	32,094.53	140,977.09
28,024.10	....	....	3,301.06	....	....	13,731.84
10,106.57	....	297.96	4,770.24	87.24	....	4,645.35
....	....	....	....	....	....	6,641.74
439.52	55.00	6,898.64	273.35	....	28.00	2,061.48
38,624.19	55.00	7,196.60	8,344.65	87.24	28.00	27,080.41
576.46	21,585.92	82,598.43	26,821.13	4,844.51	9,298.81	17,413.36
41,698.97	12,261.65	33,593.09	13,916.24	3,449.31	5,414.27	9,747.24
....	59.50	10,513.56	38.69	....	....	10,000.00
42,275.43	33,907.07	126,705.08	40,776.06	8,293.82	14,713.08	37,160.60
43,975.90	23,529.24	32,053.60	10,809.22	6,000.00	13,112.83	41,737.29
....	....	....	....	....	....	....
104,067.13	5,356.68	61,034.67	29,176.60	4,484.86	4,240.62	34,998.79
148,043.03	28,885.92	93,088.27	39,985.82	10,484.86	17,353.45	76,736.08
228,942.65	62,847.99	226,989.95	89,106.53	18,865.92	32,094.53	140,977.09
18.3	0.1	1.2	13.3	0.6	0.1	21.9

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Arthur	Athens	Aurora	Aylmer	Ayr
Population	922	714	3,004	2,475	718
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	....	....	1,000.00	11,147.41	125.00
Substation equipment	....	....	1,491.05	....	....
Distribution system—overhead	18,768.67	14,510.07	28,883.18	33,549.48	13,266.05
Distribution system—underground	....	....	....	....	....
Line transformers	5,833.24	2,800.57	27,390.26	27,995.47	7,483.72
Meters	5,154.09	3,524.75	17,104.23	17,022.17	4,792.23
Street light equipment, regular	2,037.78	698.90	6,320.60	5,716.84	1,162.14
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	439.31	1,153.85	591.25	1,763.21	822.49
Steam or hydraulic plant	....	....	....	....	....
Old plant	1,086.62	....	....	6,469.47	4,002.53
Total plant	33,319.71	22,688.14	82,780.57	103,664.05	31,654.16
Bank and cash balance	....	503.74	30.00	276.98	1,132.85
Securities and investments	9,500.00	7,500.00	12,000.00	12,000.00	3,500.00
Accounts receivable	59.58	102.28	992.54	2,252.01	532.66
Inventories	....	....	....	168.72	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	27,694.82	9,784.72	9,302.04	66,526.27	22,255.15
Other assets	....	....	....	....	....
Total assets	70,574.11	40,578.88	105,105.15	184,888.03	59,074.82
LIABILITIES					
Debenture balance	3,326.19	2,162.94	....	1,586.69	1,092.60
Accounts payable	109.29	122.96	81.57	662.73	91.03
Bank overdraft	710.14	....	193.21	....	....
Other liabilities	395.00	....	710.00	954.66	33.64
Total liabilities	4,540.62	2,285.90	984.78	3,204.08	1,217.27
RESERVES					
For equity in H-E.P.C. systems	27,694.82	9,784.72	9,302.04	66,526.27	22,255.15
For depreciation	22,073.47	7,294.83	36,068.31	26,071.60	8,841.78
Other reserves	....	206.06	....	9,578.99	517.29
Total reserves	49,768.29	17,285.61	45,370.35	102,176.86	31,614.22
SURPLUS					
Debentures paid	21,673.81	11,837.06	....	37,115.23	16,410.78
Local sinking fund	....	....	....	....	....
Operating surplus	**5,408.61*	9,170.31	58,750.02	42,391.86	9,832.55
Total surplus	16,265.20	21,007.37	58,750.02	79,507.09	26,243.33
Total liabilities, reserves and surplus	70,574.11	40,578.88	105,105.15	184,888.03	59,074.82
Percentage of net debt to total assets	11.0	7.4	1.0	2.7	3.3

* Deficit

"A"—Continued

Hydro Municipalities as at December 31, 1946

Baden	Barrie	Bath	Beachville	Beamsville	Beaverton	Beeton
P.V.	10,583	323	P.V.	1,338	842	507
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
660.64	17,696.57	....	176.13	....	499.50	....
....	18,989.07	....	....	....	....	428.50
10,388.39	83,548.34	7,913.21	16,094.84	19,134.75	24,945.95	12,115.65
....	66,582.89	....	....	....	....	....
7,122.60	57,455.10	1,694.15	4,841.14	12,583.23	10,246.04	1,994.14
4,867.25	64,367.00	1,276.34	4,087.94	8,906.36	7,601.83	2,761.61
748.17	13,470.36	635.44	444.23	2,892.74	1,339.09	1,272.52
....	....	....	....	....	....	....
22.38	1,600.00	727.38	83.79	....	2,160.66	1,413.84
....	....	....	....	....	....	....
....	....	....	....	....	....	....
23,809.43	323,709.33	12,246.52	25,728.07	43,517.08	46,793.07	19,986.26
2,191.83	....	602.42	3,897.63	2,328.98	1,502.75	912.24
6,500.00	105,600.00	....	17,500.00	16,000.00	7,200.00	11,500.00
1,395.61	4,290.91	103.90	1,592.13	190.21	62.73	33.68
108.04	7,922.57	....	....	....	....	....
....	....	....	....	....	....	....
47,251.55	239,496.99	3,368.02	61,477.02	10,669.19	29,487.82	22,249.52
....	77,375.52	....	....	....	....	....
81,256.46	758,395.32	16,320.86	110,194.85	72,705.46	85,046.37	54,681.70
....	....	3,135.18	....	....	....	1,814.36
....	755.59	....	240.36	437.37	261.35	171.14
....	23,979.40	....	....	....	....	....
10.00	5,639.54	130.00	....	801.70	682.67	115.00
10.00	30,374.53	3,265.18	240.36	1,239.07	944.02	2,100.50
47,251.55	239,496.99	3,368.02	61,477.02	10,669.19	29,487.82	22,249.52
4,887.17	155,883.66	3,226.67	11,027.16	11,196.25	20,900.94	11,818.57
1,000.00	39,169.82	....	....	....	400.00	1,590.68
53,138.72	434,550.47	6,594.69	72,504.18	21,865.44	50,788.76	35,658.77
5,000.00	65,365.68	4,364.82	5,536.66	37,500.00	15,000.00	13,185.64
....	....	....	....	....	....	....
23,107.74	228,104.64	2,096.17	31,913.65	12,100.95	18,313.59	3,736.79
28,107.74	293,470.32	6,460.99	37,450.31	49,600.95	33,313.59	16,922.43
81,256.46	758,395.32	16,320.86	110,194.85	72,705.46	85,046.37	54,681.70
0.0	5.9	25.1	0.5	2.0	1.7	6.5

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Belle River	Belleville	Blenheim	Bloomfield	Blyth
Population	845	15,967	1,873	624	632
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	204.20	44,154.10	14,465.35	....	....
Substation equipment	....	90,442.46	1,264.64	....	....
Distribution system—overhead	23,258.56	144,565.88	40,022.28	11,308.84	12,244.91
Distribution system—underground	....	....	....	....	....
Line transformers	8,599.18	55,798.05	20,481.52	2,125.82	3,696.51
Meters	6,455.23	79,648.68	14,813.09	3,556.45	3,420.75
Street light equipment, regular	1,851.52	24,309.93	3,962.35	1,040.99	1,554.68
Street light equipment, ornamental	....	....	1,482.97	....	....
Miscellaneous construction expense	270.62	17,998.88	907.66	1,403.42	254.59
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	....	....
Total plant	40,639.31	456,917.98	97,399.86	19,435.52	21,171.44
Bank and cash balance	526.83	15,064.87	25.00	2,181.90	637.37
Securities and investments	3,000.00	105,000.00	4,000.00	12,100.00	10,000.00
Accounts receivable	232.51	18,248.04	3,698.32	14.55	401.07
Inventories	....	16,061.06	884.82	....	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	16,082.00	281,704.20	55,791.56	9,620.90	14,873.86
Other assets	15.50	....	....	....	....
Total assets	60,496.15	892,996.15	161,799.56	43,352.87	47,083.74
LIABILITIES					
Debenture balance	....	....	....	1,065.56	....
Accounts payable	219.06	....	5,624.22	60.44	1,344.90
Bank overdraft	....	....	453.75	....	....
Other liabilities	200.00	13,224.75	1,842.97	141.00	198.20
Total liabilities	419.06	13,224.75	7,920.94	1,267.00	1,543.10
RESERVES					
For equity in H-E.P.C. systems	16,082.00	281,704.20	55,791.56	9,620.90	14,873.86
For depreciation	12,536.16	98,415.21	28,748.50	8,927.16	8,417.06
Other reserves	1,100.00	18,102.91	7,251.31	....	....
Total reserves	29,718.16	398,222.32	91,791.37	18,548.06	23,290.92
SURPLUS					
Debentures paid	8,500.00	176,000.00	14,000.00	10,134.44	16,032.52
Local sinking fund	....	....	....	....	....
Operating surplus	21,858.93	305,549.08	48,087.25	13,403.37	6,217.20
Total surplus	30,358.93	481,549.08	62,087.25	23,537.81	22,249.72
Total liabilities, reserves and surplus	60,496.15	892,996.15	161,799.56	43,352.87	47,083.74
Percentage of net debt to total assets	0.9	2.1	6.2	3.8	4.8

"A"—Continued

Hydro Municipalities as at December 31. 1946

Bobcaygeon	Bolton	Bothwell	Bowmanville	Bradford	Braeside	Brampton
977	621	574	3,847	1,075	405	6,157
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
740.00	....	....	35,685.49	....	....	6,175.76
....	....	....	894.47	388.50	....	35,006.39
26,780.59	12,240.97	8,157.91	52,223.04	27,161.32	3,294.00	59,735.08
....	....	....	....	....	....	....
7,359.50	7,196.65	3,629.58	15,191.69	10,840.65	1,661.85	48,300.72
7,657.77	4,767.52	4,160.91	25,780.41	8,138.33	1,716.46	37,594.68
4,917.96	887.89	4,383.40	8,577.98	842.68	62.94	12,334.99
....	....	1,131.22	....	....	....	....
320.00	1,349.56	826.63	5,171.02	2,138.48	....	4,365.60
75,000.00	....	....	....	....	....	....
....	1,554.60	....	....	....	....	....
122,775.82	27,997.19	22,289.65	143,524.10	49,509.96	6,735.25	203,513.22
....	1,504.53	917.93	22,219.98	546.18	742.72	1,365.14
....	12,000.00	13,000.00	100,000.00	7,800.00	....	61,500.00
443.44	77.74	39.89	5,482.01	461.33	1,245.96	315.83
2,331.62	....	....	7,601.00	....	....	182.59
....	....	....	....	....	....	....
....	25,449.49	24,100.93	105,562.03	26,526.94	424.08	252,620.68
....	....	....	....	....	....	62.12
125,550.88	67,028.95	60,348.40	384,389.12	84,844.41	9,148.01	519,559.58
44,887.10	....	....	....	2,650.83	5,588.94	....
459.29	78.72	205.59	497.87	30.88	675.14	548.42
279.52	....	....	....	....	....	....
....	176.89	1,242.17	1,833.32	726.81	115.00	1,790.00
45,625.91	255.61	1,447.76	2,331.19	3,408.52	6,379.08	2,338.42
....	25,449.49	24,100.93	105,562.03	26,526.94	424.08	252,620.68
31,596.26	10,067.93	10,457.43	27,015.65	16,586.49	253.00	90,077.08
....	....	15.13	....	2,629.88	....	25,150.00
31,596.26	35,517.42	34,573.49	132,577.68	45,743.31	677.08	367,847.76
45,112.90	12,500.00	5,534.19	71,000.00	22,549.17	411.06	69,050.64
....	....	....	....	....	....	....
3,215.81	18,755.92	18,792.96	178,480.25	13,143.41	1,680.79	80,322.76
48,328.71	31,255.92	24,327.15	249,480.25	35,692.58	2,091.85	149,373.40
125,550.88	67,028.95	60,348.40	384,389.12	84,844.41	9,148.01	519,559.58
36.3	0.6	1.3	0.8	5.8	73.1	0.9

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Brantford	Brantford Twp.	Brechin	Brigdeport	Brigden
Population	34,267	V.A.	P.V.	P.V.	P.V.
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	115,895.50	538.06	....	....	1,482.03
Substation equipment	271,065.03	17,344.90	....	....	....
Distribution system—overhead	259,902.55	114,399.38	2,135.59	11,024.26	9,364.48
Distribution system—underground	....	....	....	....	....
Line transformers	232,980.33	35,709.21	1,495.73	4,294.28	3,818.17
Meters	176,591.03	32,797.28	849.42	3,903.36	2,746.84
Street light equipment, regular	31,601.17	8,434.36	248.55	1,737.82	509.23
Street light equipment, ornamental	37,500.00	....	....	....	....
Miscellaneous construction expense	19,981.24	9,813.16	546.92	617.14	1,023.74
Steam or hydraulic plant	....	....	....	....	....
Old plant	32,400.00	....	....	....	....
Total plant	1,177,916.85	219,036.35	5,276.21	21,576.86	18,944.49
Bank and cash balance	572.92	238.77	2,968.55	931.39	1,156.70
Securities and investments	228,500.00	3,000.00	500.00	6,000.00	7,800.00
Accounts receivable	23,951.65	931.97	152.70	221.95	33.06
Inventories	29,936.85	4,643.54	....	....	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	1,397,841.42	56,942.63	10,492.16	10,167.76	16,688.68
Other assets	81.33	....	....	....	....
Total assets	2,858,801.02	284,793.26	19,389.62	38,897.96	44,622.93
LIABILITIES					
Debenture balance	....	57,878.34	377.46	1,146.32	....
Accounts payable	5,001.30	433.88	292.18	288.06	....
Bank overdraft	....	9,679.13	....	....	....
Other liabilities	65,478.85	1,809.40	52.85	260.00	5.00
Total liabilities	70,480.15	69,800.75	722.49	1,694.38	5.00
RESERVES					
For equity in H-E.P.C. systems	1,397,841.42	56,942.63	10,492.16	10,167.76	16,688.68
For depreciation	501,041.68	50,726.28	2,576.69	8,935.14	7,121.07
Other reserves	47,763.48	104.82	8.49	....	97.24
Total reserves	1,946,646.58	107,773.73	13,077.34	19,102.90	23,906.99
SURPLUS					
Debentures paid	530,000.00	59,247.32	2,833.46	11,221.71	8,000.00
Local sinking fund	....	....	....	....	....
Operating surplus	311,674.29	47,971.46	2,756.33	6,878.97	12,710.94
Total surplus	841,674.29	107,218.78	5,589.79	18,100.68	20,710.94
Total liabilities, reserves and surplus	2,858,801 02	284,793.26	19,389.62	38,897.96	44,622.93
Percentage of net debt to total assets	2.3	30.6	8.1	5.9	0.0

"A"—Continued

Hydro Municipalities as at December 31, 1946

Brighton	Brockville	Brussels	Burford	Burgessville	Burlington	Caledonia
1,726	11,077	748	P.V.	P.V.	4,347	1,435
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
600.00	45,591.03		202.00		16,973.15	656.01
	39,212.30				3,900.00	
21,698.32	105,586.42	15,650.85	10,281.19	3,968.02	93,413.65	22,767.11
9,100.72	61,459.30	5,715.44	8,025.98	3,355.19	36,527.08	11,982.65
10,434.29	58,580.32	5,482.74	4,980.47	1,648.78	24,494.08	10,488.41
1,305.85	28,421.12	1,707.79	481.50	261.02	5,231.27	2,487.78
475.23	1,811.29	1,537.56	75.49		7,483.77	1,158.00
43,614.41	340,661.78	30,094.38	24,046.63	9,233.01	188,023.00	49,539.96
25.00	73,278.16	2,617.95		422.35	18,818.64	50.00
19,000.00	70,000.00	14,000.00	7,000.00	2,800.00	7,500.00	1,200.00
4,019.98	2,339.95	268.76	168.24	169.12	1,416.53	86.56
5,249.83	8,142.93					2,456.12
18,879.41	262,853.15	19,248.10	20,463.41	7,627.36	3,111.84	33,809.83
15.18	326.75	0.25			*38,002.12	
90,803.81	757,602.72	66,229.44	51,678.28	20,251.84	256,872.13	87,142.47
1,779.14					143,985.70	
106.52	1,796.69		50.43	80.31	2,438.28	101.89
4,316.06			298.49			528.49
1,111.39	3,434.81	115.28	103.30	20.00	3,083.13	427.19
7,313.11	5,231.50	115.28	452.22	100.31	149,507.11	1,057.57
18,879.41	262,853.15	19,248.10	20,463.41	7,627.36	3,111.84	33,809.83
9,646.27	119,706.45	11,711.90	6,108.99	4,867.19	23,462.50	7,455.18
4,224.23	13,927.27		1,000.00		38,002.12	
32,749.91	396,486.87	30,960.00	27,572.40	12,494.55	64,576.46	41,265.01
23,220.86	226,657.54	21,000.00	9,000.00	3,500.00	16,514.30	4,624.00
27,519.93	129,226.81	14,154.16	14,653.66	4,156.98	26,274.26	40,195.89
50,740.79	355,884.35	35,154.16	23,653.66	7,656.98	42,788.56	44,819.89
90,803.81	757,602.72	66,229.44	51,678.28	20,251.84	256,872.13	87,142.47
10.2	1.1	0.2	1.4	0.8	69.3	2.0

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* Not used in figuring net debt to total assets.

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Campbellville	Cannington	Cardinal	Carleton Place	Cayuga
Population	P.V.	812	1,639	4,239	619
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings				13,390.32	
Substation equipment				2,471.63	
Distribution system—overhead	3,156.30	13,004.78	14,335.50	48,841.63	22,101.93
Distribution system—underground					
Line transformers	1,323.46	6,547.17	4,132.27	16,659.28	7,897.42
Meters	1,113.65	5,569.75	4,294.37	22,451.79	5,549.51
Street light equipment, regular	335.61	1,138.47	967.01	6,919.74	1,461.17
Street light equipment, ornamental					
Miscellaneous construction expense	6.82	467.58	531.61	2,878.64	208.00
Steam or hydraulic plant					
Old plant			3,474.80	5,289.19	
Total plant	5,935.84	26,727.75	27,735.56	118,902.22	37,218.03
Bank and cash balance	31.01	2,572.80	401.93	5,852.41	2,524.41
Securities and investments	4,100.00	7,000.00	5,500.00	47,500.00	5,200.00
Accounts receivable	27.31	379.95	273.09	1,181.80	146.43
Inventories		250.15		2,716.49	276.83
Sinking fund on local debentures					
Equity in H-E.P.C. systems	4,110.07	22,239.09	10,285.38	117,244.64	14,820.62
Other assets					2.14
Total assets	14,204.23	59,169.74	44,195.96	293,397.56	60,188.46
LIABILITIES					
Debenture balance			3,768.04	5,327.76	
Accounts payable	264.48	252.72	153.37	3,102.99	251.72
Bank overdraft					
Other liabilities		55.00	5.00	1,815.77	510.00
Total liabilities	264.48	307.72	3,926.41	10,246.52	761.72
RESERVES					
For equity in H-E.P.C. systems	4,110.07	22,239.09	10,285.38	117,244.64	14,820.62
For depreciation	2,077.71	15,610.85	4,769.56	28,528.69	10,971.78
Other reserves		564.05	51.52	878.98	160.46
Total reserves	6,187.78	38,413.99	15,106.46	146,652.31	25,952.86
SURPLUS					
Debentures paid	5,447.77	15,000.00	11,231.96	60,672.24	20,000.00
Local sinking fund					
Operating surplus	2,304.20	5,448.03	13,931.13	75,826.49	13,473.88
Total surplus	7,751.97	20,448.03	25,163.09	136,498.73	33,473.88
Total liabilities, reserves and surplus	14,204.23	59,169.74	44,195.96	293,397.56	60,188.46
Percentage of net debt to total assets	2.6	0.8	11.6	5.8	1.7

"A"—Continued

Hydro Municipalities as at December 31, 1946

Chatham	Chatsworth	Chesley	Chesterville	Chippawa	Clifford	Clinton
18,033	338	1,548	1,047	1,251	431	2,091
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
149,143.33	364.89	6,000.00	335.00	1,434.46		10,227.74
159,969.81		2,305.58				11,473.46
158,229.52	5,368.35	23,078.47	10,718.55	16,284.07	8,751.54	27,370.46
128,011.48						
115,735.21	2,734.92	12,412.99	4,641.14	9,695.29	2,025.61	14,238.05
88,486.56	2,464.31	8,894.88	5,604.48	6,731.42	2,841.88	13,329.66
24,580.26	573.12	2,609.33	605.76	3,186.51	1,014.93	5,705.10
35,426.10						
34,307.49	541.98	3,262.79	643.87	511.00	37.44	4,311.15
42,752.31						
936,642.07	12,047.57	58,564.04	22,548.80	37,842.75	14,671.40	86,655.62
50.00	267.09		3,602.19	2,158.32	402.15	4,698.21
135,000.00	2,000.00	13,000.00	14,000.00	11,500.00	5,000.00	25,500.00
32,086.89	6.46	123.07	669.81			1,319.33
14,200.55		438.19	496.12	210.57		3,555.62
591,214.08	6,875.44	53,235.09	37,050.07	25,177.07	11,133.14	68,950.53
1,540.00			12.62	1.89		
1,710,733.59	21,196.56	125,360.39	78,379.61	76,890.60	31,206.69	190,679.31
51,109.86					3,486.86	
	73.11	166.65	5.57		943.77	230.04
38,736.20		1,650.90				
43,691.70	42.23		69.00	980.00	5.00	711.45
133,537.76	115.34	1,817.55	74.57	980.00	4,435.63	941.49
591,214.08	6,875.44	53,235.09	37,050.07	25,177.07	11,133.14	68,950.53
229,468.00	4,820.51	21,030.47	9,785.43	9,713.69	5,049.42	28,527.43
113,586.48		3,500.00				10,940.94
934,268.56	11,695.95	77,765.56	46,835.50	34,890.76	16,182.56	108,418.90
318,890.14	5,400.00	27,500.00	6,500.00	13,350.00	4,513.14	44,500.00
324,037.13	3,985.27	18,277.28	24,969.54	27,669.84	6,075.36	36,818.92
642,927.27	9,385.27	45,777.28	31,469.54	41,019.84	10,588.50	81,318.92
1,710,733.59	21,196.56	125,360.39	78,379.61	76,890.60	31,206.69	190,679.31
9.1	0.8	2.5	0.2	1.9	22.1	0.8

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Cobden	Cobourg	Colborne	Coldwater	Collingwood
Population	611	4,996	907	595	6,835
Assets	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings		31,397.70		275.00	15,950.08
Substation equipment		1,668.35			24,954.35
Distribution system—overhead	5,943.97	90,512.56	11,284.81	10,253.57	66,312.89
Distribution system—underground					
Line transformers	3,609.48	32,305.62	2,175.11	7,128.00	31,511.00
Meters	2,292.45	35,216.67	4,446.59	4,207.89	33,278.55
Street light equipment, regular	499.69	14,806.70	2,389.54	846.22	3,379.95
Street light equipment, ornamental					
Miscellaneous construction expense	87.93	3,507.88	2,530.20	132.53	656.20
Steam or hydraulic plant					
Old plant	2,853.85				
Total plant	15,287.37	209,415.48	22,826.25	22,843.21	176,043.02
Bank and cash balance	1,262.56	28,039.20	3,220.80	2,581.21	16,822.51
Securities and investments		45,000.00	5,500.00	3,500.00	40,000.00
Accounts receivable	88.37	5,402.36	2,105.55	1,729.41	594.43
Inventories		6,782.44	2,715.19		
Sinking fund on local debentures					
Equity in H-E.P.C. systems	3,362.84	81,172.87	7,788.55	20,969.77	203,439.59
Other assets		40.29	90.19		
Total assets	20,001.14	375,852.64	44,246.53	51,623.60	436,899.55
Liabilities					
Debenture balance	518.89	39,886.53	4,902.82		
Accounts payable	38.16			144.46	270.22
Bank overdraft					
Other liabilities	162.50	4,471.69	322.00	241.37	3,997.56
Total liabilities	719.55	44,358.22	5,224.82	385.83	4,267.78
Reserves					
For equity in H-E.P.C. systems	3,362.84	81,172.87	7,788.55	20,969.77	203,439.59
For depreciation	255.49	57,356.37	5,158.90	13,925.12	83,129.33
Other reserves		1,500.00		80.00	118.90
Total reserves	3,618.33	140,029.24	12,947.45	34,974.89	286,687.82
Surplus					
Debentures paid	7,284.38	66,106.97	7,291.77	7,000.00	38,183.42
Local sinking fund					
Operating surplus	8,378.88	125,358.21	18,782.49	9,262.88	107,760.53
Total surplus	15,663.26	191,465.18	26,074.26	16,262.88	145,943.95
Total liabilities, reserves and surplus	20,001.14	375,852.64	44,246.53	51,623.60	436,899.55
Percentage of net debt to total assets	4.3	15.1	14.3	1.3	1.8

"A"—Continued

Hydro Municipalities as at December 31, 1946

Comber P.V.	Cookstown P.V.	Cottam P.V.	Courtright 386	Creemore 631	Dashwood P.V.	Delaware P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
62.00	70.00	475.63	....	....	....	....
....	392.95	....	....	....	....	....
8,344.30	9,965.15	11,966.38	6,934.04	7,741.76	3,899.45	5,536.71
....	....	....	....	....	....	....
5,441.92	2,892.99	4,408.36	1,225.40	3,676.20	2,400.81	1,950.84
3,313.76	2,912.85	2,995.20	1,338.56	3,771.01	2,159.96	1,581.43
423.35	919.69	366.43	470.44	358.56	364.52	205.24
....	....	....	....	....	....	....
991.94	1,499.15	437.05	575.36	32.40	291.87	203.81
....	....	....	....	....	....	....
....	....	....	....	....	....	....
18,577.27	18,652.78	20,649.05	10,543.80	15,579.93	9,116.61	9,478.03
1,193.03	2,957.89	....	316.37	804.64	2,568.86	936.30
8,000.00	11,000.00	3,000.00	7,500.00	7,000.00	5,000.00	2,500.00
325.32	231.72	17.13	49.34	113.04	23.80	248.42
....	....	....	....	....	....	....
....	....	....	....	....	....	....
25,909.29	8,130.78	6,934.03	8,292.92	17,244.40	12,470.13	5,150.93
....	....	....	....	....	....	....
54,004.91	40,973.17	30,600.21	26,702.43	40,742.01	29,179.40	18,313.68
....	681.83	....	....	....	....	....
183.60	454.28	6.56	15.83	2.12	171.29	52.09
....	....	257.63	....	....	....	....
45.00	95.00	145.71	5.00	204.00	....	20.00
228.60	1,231.11	409.90	20.83	206.12	171.29	72.09
25,909.29	8,130.78	6,934.03	8,292.92	17,244.40	12,470.13	5,150.93
9,322.59	10,686.63	6,352.43	3,480.93	7,795.15	4,654.00	1,672.63
25.76	....	37.95	5.24	50.33	....	27.24
35,257.64	18,817.41	13,324.41	11,779.09	25,089.88	17,124.13	6,850.80
7,700.00	12,818.17	9,000.22	8,138.35	2,823.61	3,400.00	4,000.00
....	....	....	....	....	....	....
10,818.67	8,106.48	7,865.68	6,764.16	12,622.40	8,483.98	7,390.79
18,518.67	20,924.65	16,865.90	14,902.51	15,446.01	11,883.98	11,390.79
54,004.91	40,973.17	30.600,21	26,702.43	40,742.01	29,179.40	18,313.68
0.8	3.7	1.7	0.1	0.9	1.0	0.5

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Delhi	Deseronto	Dorchester	Drayton	Dresden
Population	2,063	1,271	P.V.	509	1,532
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	2,472.54	1,097.41	....	....	505.30
Substation equipment	....	161.18	....	....	523.00
Distribution system—overhead	31,285.01	11,285.51	9,611.27	10,314.58	23,344.25
Distribution system—underground	....	....	....	....	....
Line transformers	18,620.02	5,178.56	3,579.56	5,288.35	11,454.92
Meters	13,862.41	6,695.09	2,998.68	4,050.11	10,198.72
Street light equipment, regular	4,912.52	432.60	928.18	858.39	1,729.55
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	3,364.21	1,284.72	328.41	418.32	4,321.24
Steam or hydraulic plant	....	....	....	....	....
Old plant	28,518.74	....	....	....	....
Total plant	103,035.45	26,135.07	17,446.10	20,929.75	52,076.98
Bank and cash balance	4,506.95	2,805.66	....	734.67	2,691.42
Securities and investments	23,500.00	6,000.00	6,400.00	6,000.00	9,500.00
Accounts receivable	9.00	814.42	788.58	69.04	860.98
Inventories	4,315.45	64.42	234.70	39.13	2,907.93
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	13,101.16	11,760.42	11,234.72	18,870.83	47,120.61
Other assets	.81	....	....	....	6.93
Total assets	148,468.82	47,579.99	36,104.10	46,643.42	115,164.85
LIABILITIES					
Debenture balance	61,032.71	....	....	656.09	....
Accounts payable	30.00	386.14	38.24	1,372.13	2,235.63
Bank overdraft	....	....	453.63	....	....
Other liabilities	1,706.79	333.01	24.22	20.00	318.00
Total liabilities	62,769.50	719.15	516.09	2,048.22	2,553.63
RESERVES					
For equity in H-E.P.C. systems	13,101.16	11,760.42	11,234.72	18,870.83	47,120.61
For depreciation	15,815.48	3,031.44	5,169.31	10,574.24	7,399.39
Other reserves	8,597.12	....	1,500.05	....	4,011.46
Total reserves	37,513.76	14,791.86	17,904.08	29,445.07	58,531.46
SURPLUS					
Debentures paid	23,967.29	15,000.00	4,300.00	8,843.91	11,423.24
Local sinking fund	....	....	....	....	....
Operating surplus	24,218.27	17,068.98	13,383.93	6,306.22	42,656.52
Total surplus	48,185.56	32,068.98	17,683.93	15,150.13	54,079.76
Total liabilities, reserves and surplus	148,468.82	47,579.99	36,104.10	46,643.42	115,164.85
Percentage of net debt to total assets	46.3	2.8	2.1	7.4	3.8

"A"—Continued

Hydro Municipalities as at December 31, 1946

Drumbo	Dublin	Dundalk	Dundas	Dunnville	Durham	Dutton
P.V.	P.V.	705	5,588	4,342	1,976	812
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	218.00	19,401.77	3,722.21	210.28	75.11
....	....	....	24,228.53	39,710.85	546.02	....
4,882.50	6,055.52	8,781.83	60,251.46	43,015.87	25,579.40	10,650.07
....	....	....	....	....	....	....
2,099.05	2,826.71	5,698.61	33,603.46	29,630.32	11,109.06	4,633.84
2,393.58	1,453.05	3,928.03	30,481.75	24,810.09	9,264.68	3,867.36
287.00	539.86	1,205.41	11,899.54	10,100.69	1,599.01	754.38
....	....	....	1,154.52	....	....	....
235.58	787.06	373.39	1,398.00	7,251.24	892.02	682.82
....	....	....	....	....	....	....
....	....	....	....	10,717.62	....	....
9,897.71	11,662.20	20,205.27	182,419.03	168,958.89	49,200.47	20,663.58
3,932.63	2,416.15	2,925.60	4,851.95	1,026.76	3,055.86	1,312.95
5,000.00	1,500.00	9,000.00	30,500.00	35,000.00	12,000.00	9,500.00
398.11	78.77	130.69	143.26	1,039.88	384.77	150.78
....	....	....	316.32	1,226.69	86.69	....
....	....	....	....	....	....	....
9,878.54	8,089.83	19,029.85	210,587.45	95,275.44	44,547.78	28,748.91
....	....	....	148.07	....	....	....
29,106.99	23,746.95	51,291.41	428,966.08	302,527.66	109,275.57	60,376.22
....	....	....	....	2,427.53	....	....
68.63	....	74.50	429.69	129.32	179.46	1,377.55
....	....	....	....	....	....	....
....	16.00	....	10,296.23	2,244.40	28.00	182.36
68.63	16.00	74.50	10,725.92	4,801.25	207.46	1,559.91
9,878.54	8,089.83	19,029.85	210,587.45	95,275.44	44,547.78	28,748.91
6,917.20	7,114.15	9,706.31	86,553.12	55,091.34	21,036.80	11,647.75
....	....	1,300.00	183.97	16,500.00	....	33.23
16,795.74	15,203.98	30,036.16	297,324.54	166,866.78	65,584.58	40,429.89
4,500.00	6,200.00	5,955.96	53,000.00	73,072.47	25,800.00	8,407.49
....	....	....	....	....	....	....
7,742.62	2,326.97	15,224.79	67,915.62	57,787.16	17,683.53	9,978.93
12,242.62	8,526.97	21,180.75	120,915.62	130,859.63	43,483.53	18,386.42
29,106.99	23,746.95	51,291.41	428,966.08	302,527.66	109,275.57	60,376.22
0.4	0.1	0.2	4.9	2.3	0.3	4.9

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	East York Twp.	Elmira	Elmvale	Elmwood
Population	V.A.	2,182	P.V.	P.V.
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings	38,170.70	7,540.68	106.25	
Substation equipment	106,472.59	18,411.70	2,273.07	
Distribution system—overhead	440,151.77	39,938.00	10,924.95	5,605.52
Distribution system—underground		540.21		
Line transformers	150,799.37	26,396.38	5,008.75	3,105.49
Meters	205,192.74	19,176.98	5,282.88	2,084.63
Street light equipment, regular	51,080.57	2,452.55	595.45	721.69
Street light equipment, ornamental				
Miscellaneous construction expense	19,945.58	1,855.35	580.65	1,093.62
Steam or hydraulic plant				
Old plant		2,168.08		
Total plant	1,011,813.32	118,479.93	24,772.00	12,610.95
Bank and cash balance	24,002.71	5,412.00	3,201.88	944.65
Securities and investments		38,500.00	8,700.00	3,100.00
Accounts receivable	41,769.24	190.46	35.61	87.53
Inventories	16,606.40			10.41
Sinking fund on local debentures				
Equity in H-E.P.C. systems	449,042.50	112,670.54	21,166.32	6,280.49
Other assets	332.38			
Total assets	1,543,566.55	275,252.93	57,875.81	23,034.03
LIABILITIES				
Debenture balance		3,277.81		
Accounts payable	45,915.93	183.43	111.33	546.68
Bank overdraft				
Other liabilities	13,246.74	792.65		1,275.00
Total liabilities	59,162.67	4,253.89	111.33	1,821.68
RESERVES				
For equity in H-E.P.C. systems	449,042.50	112,670.54	21,166.32	6,280.49
For depreciation	200,545.83	52,255.35	11,013.54	4,636.90
Other reserves	3,200.32	9,000.00	3.68	
Total reserves	652,788.65	173,925.89	32,183.54	10,917.39
SURPLUS				
Debentures paid	349,763.36	33,890.69	7,000.00	7,200.00
Local sinking fund				
Operating surplus	481,851.87	63,182.46	18,580.94	3,094.96
Total surplus	831,615.23	97,073.15	25,580.94	10,294.96
Total liabilities, reserves and surplus	1,543,566.55	275,252.93	57,875.81	23,034.03
Percentage of net debt to total assets	5.4	2.6	0.3	10.9

"A"—Continued

Hydro Municipalities as at December 31, 1946

Elora 1,167	Embro 455	Erieau 223	Erie Beach 22	Essex 1,920	Etobicoke Twp. V.A.	Exeter 1,794
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,524.54	....	....	....	609.30	37,161.39	9,954.19
....	....	....	....	....	3,058.19	....
18,788.88	11,193.70	16,756.76	3,058.96	44,140.43	410,398.07	33,951.18
....	....	....	....	442.55	....	....
8,526.59	6,966.87	4,507.27	925.32	21,980.23	162,224.01	17,465.40
7,638.07	2,730.26	4,323.45	1,070.25	14,753.59	124,050.77	12,233.71
1,513.11	535.73	679.36	85.80	1,738.13	27,014.07	4,902.87
....	....	....	....	7,205.06	2,689.44	....
1,113.38	69.45	379.90	375.03	741.57	23,515.15	2,328.04
....	....	....	....	....	....	....
....	....	....	....	....	....	....
39,104.57	21,496.01	26,646.74	5,515.36	91,610.86	790,111.09	80,835.39
1,121.74	1,267.38	2,096.12	216.63	1,625.38	3,625.83	2,008.13
18,500.00	3,000.00	1,000.00	1,500.00	32,000.00	7,000.00	18,500.00
40.49	52.60	534.20	193.38	443.61	11,088.24	1,818.14
212.03	....	....	....	....	31,628.84	2,039.59
....	....	....	....	....	....	....
53,490.66	16,340.14	10,586.66	2,469.87	48,286.40	370,592.23	63,358.97
....	....	....	....	0.90	....	500.00
112,469.49	42,156.13	40,863.72	9,895.24	173,967.15	1,214,046.23	169,060.22
....	....	....	....	9,806.69	19,065.06	....
75.81	57.78	989.35	165.91	106.88	24,512.65	817.48
....	....	....	....	....	12,833.01	....
351.25	40.00	45.00	7.50	7,887.73	12,616.27	615.00
427.06	97.78	1,034.35	173.41	17,801.30	69,026.99	1,432.48
53,490.66	16,340.14	10,586.66	2,469.87	48,286.40	370,592.23	63,358.97
22,656.37	8,093.78	6,593.71	1,266.71	33,306.11	188,367.91	23,859.37
....	9.58	39.16	18.90	7,328.29	30,222.30	8,534.06
76,147.03	24,443.50	17,219.53	3,755.48	88,920.80	589,182.44	95,752.40
13,000.00	7,500.00	6,883.13	3,300.00	12,693.31	246,630.34	20,000.05
....	....	....	....	....	....	....
22,895.40	10,114.85	15,726.71	2,666.35	54,551.74	309,206.46	51,875.29
35,895.40	17,614.85	22,609.84	5,966.35	67,245.05	555,836.80	71,875.34
112,469.49	42,156.13	40,863.72	9,895.24	173,967.15	1,214,046.23	169,060.22
0.7	0.4	3.4	2.3	8.9	7.9	1.4

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Fergus	Finch	Flesherton	Fonthill	Forest
Population	2,624	328	361	1,009	1,679
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	2,442.52		408.78		6,576.61
Substation equipment	16,583.00				
Distribution system—overhead	36,724.20	8,331.38	6,093.00	14,908.94	23,975.48
Distribution system—underground					
Line transformers	27,546.18	2,486.47	3,232.45	7,198.67	15,776.75
Meters	16,883.50	2,678.31	2,670.58	6,941.59	13,004.30
Street light equipment, regular	6,209.87	504.07	817.68	2,429.20	2,663.94
Street light equipment, ornamental					
Miscellaneous construction expense	614.88	16.24	914.17	737.80	1,608.75
Steam or hydraulic plant					
Old plant	2,546.59			3,500.00	
Total plant	109,550.74	14,016.47	14,136.66	35,716.20	63,605.83
Bank and cash balance	859.88	529.57	2,227.96	2,241.09	4,049.02
Securities and investments	20,000.00	3,500.00	9,000.00	2,000.00	33,510.00
Accounts receivable	263.87	132.16	6.33	71.60	192.10
Inventories	166.46		28.40		1,047.32
Sinking fund on local debentures					
Equity in H-E.P.C. systems	98,129.69	6,857.80	9,248.53	10,422.59	51,281.11
Other assets					1.83
Total assets	228,970.64	25,036.00	34,647.88	50,451.48	153,687.21
LIABILITIES					
Debenture balance	917.06	585.74			
Accounts payable	2,166.51	832.05	40.61	123.27	178.70
Bank overdraft					
Other liabilities	655.17	225.95	67.00	324.30	137.46
Total liabilities	3,738.74	1,643.74	107.61	447.57	316.16
RESERVES					
For equity in H-E.P.C. systems	98,129.69	6,857.80	9,248.53	10,422.59	51,281.11
For depreciation	28,996.17	3,683.93	6,229.92	7,243.09	28,319.62
Other reserves	10,198.59	2.91			6,087.59
Total reserves	137,324.45	10,544.64	15,478.45	17,665.68	85,688.32
SURPLUS					
Debentures paid	41,082.94	6,414.26	6,700.00	22,500.00	23,357.13
Local sinking fund					
Operating surplus	46,824.51	6,433.36	12,361.82	9,838.23	44,325.60
Total surplus	87,907.45	12,847.62	19,061.82	32,338.23	67,682.73
Total liabilities, reserves and surplus	228,970.64	25,036.00	34,647.88	50,451.48	153,687.21
Percentage of net debt to total assets	2.9	9.0	0.4	0.7	0.3

"A"—Continued

Hydro Municipalities as at December 31, 1946

Forest Hill 13,960	Galt 14,703	Georgetown 2,468	Glencoe 703	Goderich 4,728	Grand Valley 594
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
39,501.92	232,660.27	5,041.05	3,587.66	13,569.89	36.50
80,767.90	162,229.03	9,194.71	....	36,060.24	....
219,895.95	304,426.20	43,672.04	24,047.20	76,702.04	12,698.88
2,169.95	4,653.65	....	....	....	....
120,483.26	158,827.53	38,290.20	9,389.55	31,240.02	3,819.98
74,720.38	100,713.09	20,785.47	5,289.69	26,579.66	4,300.40
10,667.29	74,632.25	4,645.54	2,664.77	9,159.76	1,067.12
16,795.63	....	....	....	....	....
27,698.17	14,295.73	2,378.63	1,126.31	6,511.66	241.70
....	....	....	....	....	....
....	....	....	....	14,622.15	....
592,700.45	1,052,437.75	124,007.64	46,105.18	214,445.42	22,164.58
....	8,910.22	6,349.57	2,727.69	9,694.80	1,708.24
179,000.00	120,000.00	10,767.40	15,100.00	65,000.00	11,000.00
4,826.59	1,694.65	1,345.80	69.96	6,673.95	130.01
9,296.27	39,383.05	206.95	382.27	1,121.60	....
....	....	....	....	....	....
298,266.01	823,104.10	157,088.95	29,876.30	181,816.16	17,574.28
....	603.08	87.63	....	16.77	....
1,084,089.32	2,046,132.85	299,853.94	94,261.40	478.768.70	52,577.11
205,646.10	....	....	....	14,407.79	....
4,833.11	167.42	450.65	....	1,552.26	....
1,319.37	....	....	....	....	....
29,362.70	5,977.02	2,793.61	316.59	3,609.06	....
241,161.28	6,144.44	3,244.26	316.59	19,569.11	....
298,266.01	823,104.10	157,088.95	29,876.30	181,816.16	17,574.28
169,420.53	456,246.32	32,067.83	17,290.08	116,328.62	13,064.39
750.00	40,722.46	....	1,851.64	6,819.63	1,000.00
468,436.54	1,320,072.88	189,156.78	49,018.02	304,964.41	31,638.67
157,135.50	518,001.95	20,000.00	20,112.88	81,680.26	11,000.00
....	....	....	....	....	....
217,356.00	201,913.58	87,452.90	24,813.91	72,554.92	9,938.44
374,491.50	719,915.53	107,452.90	44,926.79	154,235.18	20,938.44
1,084,089.32	2,046,132.85	299,853.94	94,261.40	478,768.70	52,577.11
29.2	0.5	2.3	0.5	6.6	0.0

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Granton	Gravenhurst	Grimsby	Guelph
Population	P.V.	2,485	1,993	23,225
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings		9,697.27		14,770.87
Substation equipment		10,936.03		172,523.76
Distribution system—overhead	4,899.16	41,171.52	40,665.00	303,333.45
Distribution system—underground		1,941.77		28,847.47
Line transformers	1,515.11	16,782.86	26,371.64	135,899.82
Meters	1,837.00	16,041.34	19,442.91	129,078.93
Street light equipment, regular	180.78	4,472.25	2,562.07	46,410.53
Street light equipment, ornamental			1,925.00	
Miscellaneous construction expense	113.08	1,056.16	1,061.60	16,604.15
Steam or hydraulic plant				
Old plant				
Total plant	8,545.13	102,099.20	92,028.22	847,468.98
Bank and cash balance	405.76	1,824.36	2,273.66	362.50
Securities and investments	5,200.00	22,000.00		65,000.00
Accounts receivable	609.39	238.35	78.55	7,858.78
Inventories		2,066.20	150.62	25,174.35
Sinking fund on local debentures				
Equity in H-E.P.C. systems	11,396.47	49,063.15	8,675.55	976,154.62
Other assets				2,140.00
Total assets	26,156.75	177,291.26	103,206.60	1,924,159.23
LIABILITIES				
Debenture balance			4,079.21	
Accounts payable	578.04	401.07	1,144.23	31,798.51
Bank overdraft				6,031.81
Other liabilities		985.00	3,479.90	3,050.45
Total liabilities	578.04	1,386.07	8,703.34	40,880.77
RESERVES				
For equity in H-E.P.C. systems	11,396.47	49,063.15	8,675.55	976,154.62
For depreciation	4,795.45	39,386.04	9,974.91	256,225.87
Other reserves	60.00	8,072.91		800.06
Total reserves	16,251.92	96,522.10	18,650.46	1,233,180.55
SURPLUS				
Debentures paid	3,500.00	44,278.97	81,264.79	145,000.00
Local sinking fund				
Operating surplus	5,826.79	35,104.12	†*5,411.99*	505,097.91
Total surplus	9,326.79	79,383.09	75,852.80	650,097.91
Total liabilities, reserves and surplus	26,156.75	177,291.26	103,206.60	1,924,159.23
Percentage of net debt to total assets	3.9	1.1	7.3	4.3

† Deficit

"A"—Continued

Hydro Municipalities as at December 31, 1946

Hagersville 1,562	Hamilton* 174,222	Hanover 3,133	Harriston 1,252	Harrow 1,150	Hastings 723	Havelock 936
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	999,810.39	3,894.32	395.25	2,318.16	....	....
864.37	2,390,457.72	9,271.19	600.00	....	....	572.90
21,751.01	1,396,847.17	55,450.18	23,341.75	22,782.56	17,917.87	19,776.97
....	888,618.60	....	....	....	....	....
13,152 02	1,087,089.41	28,736.52	9,730.05	12,453.08	4,089.46	4,112.57
11,555.04	919,656.78	20,719.73	10,399.65	9,666.51	4,511.04	6,481.29
1,252.45	302,271.20	2,673.22	1,332.00	970.46	1,212.07	1,883.33
....	....	....	....	....	....	....
710.83	40,439.62	5,571.41	1,066.36	58.70	669.85	4,264.37
....	....	....	....	....	....	....
....	....	....	1,001.43	....	1,733.13	2,420.45
49,285.72	8,025,190.89	126,316.57	47,866.49	48,249.47	30,133.42	39,511.88
10,834.15	763,841.34	10,663.89	4,448.43	4,731.73	451.29	2,653.89
27,000.00	1,500,000.00	69,783.47	10,400.00	9,200.00	7,000.00	16,500.00
104.02	475,877.81	593.42	374.65	242.83	134.40	64.14
....	198,233.31	311.86	193.95	144.75	....	....
....	....	....	....	....	....	....
110,208.77	8,392,223.98	119,146.41	50,071.92	40,311.74	6,226.90	17,432.98
0.74	103,129.07	....	....	....	....	....
197,433.40	19,458,496.40	326,815.62	113,355.44	102,880.52	43,946.01	76,162.89
....	313,000.00	....	1,119.04	....	7,504.02	....
16.00	340,105.43	7.56	10.00	1,254.40	212.75	236.18
....	....	....	....	....	....	....
579.43	36,925.23	1,073.95	40.72	360.71	418.47	180.00
595.43	690,030.66	1,081.51	1,169.76	1,615.11	8,135.24	416.18
110,208.77	8,392,223.98	119,146.41	50,071.92	40,311.74	6,226.90	17,432.98
21,217.43	2,084,430.22	81,356.94	18,063.17	15,326.49	7,902.00	15,038.16
6,000.00	1,996,956.09	12,500.00	....	136.30	....	....
137,426.20	12,473,610.29	213,003.35	68,135.09	55,774.53	14,128.90	32,471.14
8,000.00	3,747,275.19	87,500.00	24,698.99	12,000.00	13,495.98	32,900.00
....	....	....	....	....	....	....
51,411.77	2,547,580.26	25,230.76	19,351.60	33,490.88	8,185.89	10,375.57
59,411.77	6,294,855.45	112,730.76	44,050.59	45,490.88	21,681.87	43,275.57
197,433.40	19,458,496.40	326,815.62	113,355.44	102,880.52	43,946.01	76,162.89
0.7	6.2	0.5	1.8	2.6	23.4	0.7

* Includes 1946 power adjustment and equity in H-E.P.C. system

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—**Continued**

Municipality	Hensall	Hespeler	Highgate	Holstein	Humberstone
Population	631	2,936	304	P.V.	3,287
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings		4,857.00			8,347.17
Substation equipment		38,946.53			
Distribution system—overhead	12,855.57	34,368.99	8,451.33	2,489.74	27,488.28
Distribution system—underground					
Line transformers	7,293.35	33,556.08	2,461.29	1,391.36	19,451.22
Meters	4,575.84	15,663.96	2,034.17	917.13	13,033.79
Street light equipment, regular	612.83	9,194.48	453.91	170.44	1,637.65
Street light equipment, ornamental					
Miscellaneous construction expense	643.73	3,760.33	491.60	170.25	754.63
Steam or hydraulic plant					
Old plant					
Total plant	25,981.32	140,347.37	13,892.30	5,138.92	70,712.74
Bank and cash balance	1,462.89	7,532.97	341.42	1,161.36	4,926.25
Securities and investments	12,000.00	31,000.00	6,000.00	4,500.00	19,500.00
Accounts receivable	17.48	748.24	38.80		180.55
Inventories		479.78			
Sinking fund on local debentures					
Equity in H-E.P.C. systems	24,561.07	179,448.30	13,766.77	3,830.53	33,627.48
Other assets		366.66			
Total assets	64,022.76	359,923.32	34,039.29	14,630.81	128,947.02
LIABILITIES					
Debenture balance		7,113.41			
Accounts payable	494.84	347.49		87.65	497.67
Bank overdraft					
Other liabilities	30.00	960.00	100.00		2,188.16
Total liabilities	524.84	8,420.90	100.00	87.65	2,685.83
RESERVES					
For equity in H-E.P.C. systems	24,561.07	179,448.30	13,766.77	3,830.53	33,627.48
For depreciation	12,772.98	32,764.17	7,613.41	2,424.74	12,038.38
Other reserves		154.46			6,000.00
Total reserves	37,334.05	212,366.93	21,380.18	6,255.27	51,665.86
SURPLUS					
Debentures paid	12,000.00	70,457.10	5,000.00	2,762.05	32,000.00
Local sinking fund					
Operating surplus	14,163.87	68,678.39	7,559.11	5,525.84	42,595.33
Total surplus	26,163.87	139,135.49	12,559.11	8,287.89	74,595.33
Total liabilities, reserves and surplus	64,022.76	359,923.32	34,039.29	14,630.81	128,947.02
Percentage of net debt to total assets	1.3	4.7	0.5	0.8	2.8

"A"—Continued

Hydro Municipalities as at December 31, 1946

Huntsville	Ingersoll	Iroquois	Jarvis	Kemptville	Kincardine
2,750	5,826	910	557	1,200	2,337
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
353.52	16,291.49	281.20		4,719.34	6,846.55
647.30	51,338.29	100.00			2,794.20
25,073.95	63,177.43	9,733.66	10,602.96	21,209.41	48,944.88
15,140.15	50,341.79	3,809.02	5,839.24	8,938.46	21,811.71
15,795.51	35,950.59	5,221.85	3,678.95	9,494.01	15,262.18
8,587.86	5,308.47	1,374.13	931.82	1,090.07	6,884.13
	4,597.59				
2,327.50	12,847.61	1,091.47	54.00	6,379.38	417.45
5,156.20		575.00			
73,081.99	239,853.26	22,186.33	21,106.97	51,830.67	102,961.10
6,282.21	5,649.02		1,773.94	652.52	
7,000.00	5,292.95	5,000.00	13,500.00	15,000.00	26,000.00
3,788.45	1,502.14	2,461.92	27.55	3,286.13	330.93
4,668.84	1,527.37	250.00	338.00	1,970.64	247.51
89,916.53	273,372.05	3,220.78	22,443.30	30,424.25	64,724.56
	208.24				
184,738.02	527,405.03	33,119.03	59,189.76	103,164.21	194,264.10
771.94	17,888.85	62.58		1,269.59	153.45
		536.19			94.08
1,064.42	6,876.94	256.42		219.69	1,069.00
1,836.36	24,765.79	855.19		1,489.28	1,316.53
89,916.53	273,372.05	3,220.78	22,443.30	30,424.25	64,724.56
21,585.93	39,718.97	2,451.28	7,749.84	16,923.77	32,741.43
309.83	4,358.06	2,000.00			7,564.07
111,812.29	317,449.08	7,672.06	30,193.14	47,348.02	105,030.06
21,133.54	79,800.00		10,500.00	25,000.00	60,000.00
49,955.83	105,390.16	24,591.78	18,496.62	29,326.91	27,917.51
71,089.37	185,190.16	24,591.78	28,996.62	54,326.91	87,917.51
184,738.02	527,405.03	33,119.03	59,189.76	103,164.21	194,264.10
1.8	8.1	2.8	0.0	2.1	1.0

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Kingston	Kingsville	Kirkfield	Kitchener
Population	36,697	2,380	P.V.	36,165
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings	269,177.98	8,600.27		293,596.46
Substation equipment	306,303.61			451,407.70
Distribution system—overhead	258,422.11	36,891.80	5,179.43	478,768.01
Distribution system—underground	214,080.96			119,026.75
Line transformers	122,720.59	17,176.18	757.90	277,309.85
Meters	157,353.32	17,403.99	884.55	278,373.76
Street light equipment, regular	83,629.62	1,559.61	379.00	82,646.47
Street light equipment, ornamental		19,200.00		126,922.86
Miscellaneous construction expense	47,680.08	813.86	234.11	36,708.28
Steam or hydraulic plant	17,665.40			
Old plant				52,363.91
Total plant	1,477,033.67	101,645.71	7,434.99	2,197,124.05
Bank and cash balance	29,460.95	2,640.67	1,670.20	40.951.84
Securities and investments	480,000.00	32,500.00	3,000.00	125,000.00
Accounts receivable	42,445.91	268.57	43.65	109,938.72
Inventories	26,138.80			72,914.68
Sinking fund on local debentures				
Equity in H-E.P.C. systems	225,931.62	61,425.22	4,595.89	1,963,869.78
Other assets	4,827.94	0.70		959.42
Total assets	2,285,838.89	198,480.87	16,744.73	4,510,758.49
LIABILITIES				
Debenture balance	7,049.00	15,113.05		98,000.00
Accounts payable		119.30	14.25	95,685.22
Bank overdraft				
Other liabilities	27,565.98	22,872.25		130,739.70
Total liabilities	34,614.98	38,104.60	14.25	324,424.92
RESERVES				
For equity in H-E.P.C. systems	225,931.62	61,425.22	4,595.89	1,963,869.78
For depreciation	450,667.41	36,890.40	4,735.80	595,709.67
Other reserves	267,215.97	5,382.80	200.00	6,763.57
Total reserves	943,815.00	103,698.42	9,531.69	2,566,343.02
SURPLUS				
Debentures paid	304,851.00	18,386.95	6,000.00	639,150.00
Local sinking fund				
Operating surplus	1,002,557.91	38,290.90	1,198.79	980,840.55
Total surplus	1,307,408.91	56,677.85	7,198.79	1,619,990.55
Total liabilities, reserves and surplus	2,285,838.89	198,480.87	16,744.73	4,510,758.49
Percentage of net debt to total assets	1.7	16.0	0.1	8.1

"A"—Continued

Hydro Municipalities as at December 31, 1946

Lakefield	Lambeth	Lanark	Lancaster	La Salle	Leamington	Lindsay
1,372	P.V.	734	526	1,100	5,456	7,740
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,137.97	....	....	....	1,210.68	19,644.55	10,877.68
....	....	....	....	....	7,101.97	3,176.56
25,888.22	10,253.81	11,067.33	8,789.65	26,588.57	64,479.61	117,285.45
....	....	....	....	....	28,333.23	12,386.55
8,640.96	2,990.87	5,087.57	1,974.75	8,916.54	31,555.92	46,057.67
8,977.83	3,311.71	3,218.55	2,061.98	6,701.23	36,116.47	42,218.70
2,018.75	1,053.80	791.04	650.65	1,076.35	3,237.49	11,754.26
....	....	....	....	....	14,478.49	....
3,681.12	300.71	....	1,068.55	1,863.82	7,187.69	5,668.21
....	....	....	....	....	....	....
3,445.25	....	....	....	....	....	....
55,790.10	17,910.90	20,164.49	14,545.58	46,357.19	212,135.42	249,425.08
6,100.93	....	504.09	1,678.40	484.11	100.00	....
21,000.00	4,000.00	....	1,500.00	4,000.00	47,500.00	68,517.22
226.45	47.36	142.45	49.89	301.04	2,768.65	478.39
....	....	....	....	13.61	6,030.93	10,728.77
....	....	....	....	....	....	....
20,286.19	14,288.81	9,136.30	8,592.30	21,461.11	137,253.63	159,931.98
....	....	....	....	....	0.29	....
103,403.67	36,247.07	29,947.33	26,366.17	72,617.06	405,788.92	489,081.44
8,788.40	....	....	....	....	....	19,396.53
90.07	74.05	....	52.73	1,544.97	381.96	201.99
....	316.17	....	....	....	2,299.31	3,438.61
614.53	160.00	140.00	182.53	986.58	17,715.08	4,462.44
9,493.00	550.22	140.00	235.26	2,531.55	20,396.35	27,499.57
20,286.19	14,288.81	9,136.30	8,592.30	21,461.11	137,253.63	159,931.98
19,848.29	7,617.31	1,469.76	3,800.91	15,289.80	54,338.56	65,404.21
....	1,218.59	....	....	171.26	22,165.62	....
40,134.48	23,124.71	10,606.06	12,393.21	36,922.17	213,757.81	225,336.19
24,711.60	4,000.00	7,316.57	9,970.42	15,500.00	48,000.00	110,603.47
29,064.59	8,572.14	11,884.70	3,767.28	17,663.34	123,634.76	125,642.21
53,776.19	12,572.14	19,201.27	13,737.70	33,163.34	171,634.76	236,245.68
103,403.67	36,247.07	29,947.33	26,366.17	72,617.06	405,788.92	489,081.44
11.4	2.5	0.7	1.3	4.9	2.3	8.4

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Listowel 3,209	London 79,562	London Twp. V.A.	Long Branch 5,186	Lucan 570
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	1,459.49	459,951.82	....	....	375.45
Substation equipment	....	1,024,565.18	....	....	....
Distribution system—overhead	52,536.04	874,681.07	26,032.85	66,310.90	12,167.73
Distribution system—underground	5,890.13	475,039.02	....	....	....
Line transformers	28,046.18	481,000.23	9,665.55	22,738.79	5,584.18
Meters	21,019.99	426,155.65	7,364.84	27,157.81	4,413.04
Street light equipment, regular	3,971.21	76,522.78	1,884.85	8,270.46	4,549.30
Street light equipment, ornamental	1,539.79	92,286.12	....	....	....
Miscellaneous construction expense	2,132.43	157,533.76	1,555.70	1,257.66	445.57
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	....	....
Total plant	116,595.26	4,067,735.63	46,503.79	125,735.62	27,535.27
Bank and cash balance	471.79	1,000.00	2,539.87	569.83	1,012.21
Securities and investments	20,000.00	1,356,500.00	6,000.00	40,000.00	10,500.00
Accounts receivable	693.36	288,774.25	1,233.63	21,105.38	9.29
Inventories	119.91	125,452.21	....	....	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	118,686.41	3,568,695.09	33,222.35	48,147.63	25,938.50
Other assets	171.52	4,682.61	....	....	....
Total assets	256,738.25	9,412,839.79	89,499.64	235,558.46	64,995.27
LIABILITIES					
Debenture balance	....	3,023.92	420.21	....	....
Accounts payable	1,569.54	106,875.50	1,356.08	569.53	107.98
Bank overdraft	1,062.30	68,480.94	....	....	....
Other liabilities	471.79	102,164.14	449.00	2,569.83	217.00
Total liabilities	3,103.63	280,544.50	2,225.29	3,139.36	324.98
RESERVES					
For equity in H-E.P.C. systems	118,686.41	3,568,695.09	33,222.35	48,147.63	25,938.50
For depreciation	61,732.62	1,887,563.83	15,478.54	35,472.89	11,903.10
Other reserves	2,500.00	644,844.02	3.82	16,186.20	....
Total reserves	182,919.03	6,101,102.94	48,704.71	99,806.72	37,841.60
SURPLUS					
Debentures paid	43,189.89	1,578,876.08	18,579.79	40,304.60	11,213.62
Local sinking fund	....	....	....	....	....
Operating surplus	27,525.70	1 452,316.27	19,989.85	92,307.78	15,615.07
Total surplus	70,715.59	3,031,192.35	38,569.64	132,612.38	26,828.69
Total liabilities, reserves and surplus	256,738.25	9,412,839.79	89,499.64	235,558.46	64,995.27
Percentage of net debt to total assets	1.1	3.3	2.5	1.6	0.8

"A"—Continued

Hydro Municipalities as at December 31, 1946

Lucknow 928	Lynden P.V.	Madoc 1,090	Markdale 722	Markham 1,173	Marmora 965	Martintown P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
...	241.18	100.00	...	...	...	126.15
...	...	...	780.80	...	...	...
21,600.71	4,982.72	14,070.35	11,555.35	21,214.38	14,297.01	2,932.57
...	...	...	...	...	...	...
12,460.71	3,136.23	6,242.05	6,472.80	12,693.45	4,042.41	1,308.76
6,905.94	2,564.32	6,109.61	5,494.21	9,422.67	4,315.22	1,196.29
1,509.55	636.01	1,577.14	1,390.15	1,160.91	1,193.23	354.94
...	...	...	...	...	...	...
2,313.58	193.57	...	586.56	1,631.13	2,283.94	690.21
...	...	...	...	...	...	...
...	...	...	2,080.65	...	573.62	...
44,790.49	11,754.03	28,099.15	28,360.52	46,122.54	26,705.43	6,608.92
5,403.70	422.36	1,545.68	1,883.15	714.21	2,446.87	1,538.75
10,000.00	5,000.00	10,000.00	12,155.13	16,000.00	8,000.00	2,500.00
308.94	510.90	765.99	86.12	184.30	802.32	178.40
...	...	...	...	...	357.83	...
...	...	...	...	...	...	...
30,666.95	18,168.86	12,527.42	15,285.42	29,374.59	8,799.93	3,087.48
...	...	...	...	...	...	...
91,170.08	35,856.15	52,938.24	57,770.34	92,395.64	47,112.38	13,913.55
...	...	...	...	...	...	...
91.64	26.16	292.87	69.84	...	96.48	295.32
...	...	...	...	...	...	...
...	26.00	471.64	177.00	205.00	260.00	5.00
91.64	52.16	764.51	246.84	205.00	356.48	300.32
30,666.95	18,168.86	12,527.42	15,285.42	29,374.59	8,799.93	3,087.48
8,207.33	5,168.07	1,597.82	11,821.11	8,993.47	7,519.68	2,467.08
6,750.00	...	...	1,000.00	3,032.39	...	81.02
45,624.28	23,336.93	14,125.24	28,106.53	41,400.45	16,319.61	5,635.58
19,713.16	4,495.00	14,000.00	9,000.00	11,373.63	17,666.11	6,000.00
...	...	...	...	...	...	...
25,741.00	7,972.06	24,048.49	20,416.97	39,416.56	12,770.18	1,977.65
45,454.16	12,467.06	38,048.49	29,416.97	50,790.19	30,436.29	7,977.65
91,170.08	35,856.15	52,938.24	57,770.34	92,395.64	47,112.38	13,913.55
0.1	0.3	1.9	0.6	0.3	0.9	2.8

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Maxville	Meaford	Merlin	Merritton	Midland
Population	807	2,650	P.V.	3,407	6,863
	$ c.	$ c.	$ c.	$ c.	$ c.
ASSETS					
Lands and buildings	....	1,144.18	2,350.00	6,764.41	19,983.57
Substation equipment	407.79	4,093.47	....	84,395.94	85,419.70
Distribution system—overhead	12,101.95	37,884.68	9,788.48	45,310.18	102,305.14
Distribution system—underground	....	....	....	....	....
Line transformers	2,420.14	11,798.47	4,279.31	17,467.82	32,255.71
Meters	3,560.21	13,700.79	3,317.06	19,664.56	45,102.47
Street light equipment, regular	2,055.15	4,112.20	570.46	5,275.32	19,322.71
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	2,392.42	3,827.63	587.99	5,770.37	462.75
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	....	....
Total plant	22,937.66	76,561.42	20,893.30	184,648.60	304,852.05
Bank and cash balance	36.85	2,820.25	1,176.71	36,668.20	63,511.87
Securities and investments	9,100.00	28,000.00	13,200.00	77,000.00	66,000.00
Accounts receivable	119.11	199.04	201.76	207.78	8,474.82
Inventories	....	32.88	130.61	384.31	5,820.02
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	13,759.74	47,346.67	16,211.00	300,379.83	323,307.88
Other assets	....	12.20	....	167.02	137.25
Total assets	45,953.36	154,972.46	51,813.38	599,455.74	772,103.89
LIABILITIES					
Debenture balance	....	....	....	....	....
Accounts payable	397.74	210.04	378.36	297.50	311.30
Bank overdraft	....	....	....	....	....
Other liabilities	139.89	1,104.26	110.00	758.88	1,493.65
Total liabilities	537.63	1,314.30	488.36	1,056.38	1,804.95
RESERVES					
For equity in H-E.P.C. systems	13,759.74	47,346.67	16,211.00	300,379.83	323,307.88
For depreciation	7,909.35	23,146.70	6,654.19	42,784.70	237,888.03
Other reserves	356.07	46.65	23.40	27,000.00	1,303.06
Total reserves	22,025.16	70,540.02	22,888.59	370,164.53	562,498.97
SURPLUS					
Debentures paid	16,000.00	49,360.20	13,122.36	32,186.21	111,944.99
Local sinking fund	....	....	....	....	....
Operating surplus	7,390.57	33,757.94	15,314.07	196,048.62	95,854.98
Total surplus	23,390.57	83,118.14	28,436.43	228,234.83	207,799.97
Total liabilities, reserves and surplus	45,953.36	154,972.46	51,813.38	599,455.74	772,103.89
Percentage of net debt to total assets	1.7	1.2	1.4	0.4	0.4

"A"—Continued

Hydro Municipalities as at December 31, 1946

Mildmay 767	Millbrook 679	Milton 1,893	Milverton 961	Mimico 8,353	Mitchell 1,560	Moorefield P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	14,514.88	761.88	33,409.26	19,697.29	....
....	....	16,456.16	....	43,269.83	16,526.28	....
7,540.60	6,746.49	26,688.91	13,306.34	89,749.12	33,523.53	4,452.04
....	....	....	....	....	....	....
3,685.51	1,772.56	20,080.15	12,020.24	50,636.23	20,494.69	2,909.16
3,667.30	2,365.34	17,725.67	6,424.03	40,018.68	16,039.15	1,798.91
638.24	595.65	5,525.79	848.75	10,626.83	7,495.15	295.88
....	....	....	....	....	....	....
1,038.66	79.92	4,301.75	623.67	3,951.72	1,760.93	350.25
....	....	....	....	....	....	....
849.00	....	....	....	....	1,380.00	....
17,419.31	11,559.96	105,293.31	33,984.91	271,661.67	116,917.02	9,806.24
1,281.02	4,361.71	5,630.32	2,186.17	63.81	70.00	609.43
10,000.00	4,000.00	38,000.00	6,500.00	55,000.00	27,050.00	500.00
....	46.54	1,002.87	160.83	1,186.50	7,465.27	48.88
....	....	4,363.22	....	....	6,791.15	....
....	....	....	....	....	....	....
6,090.54	2,006.48	144,676.33	59,212.62	208,296.05	65,554.34	8,865.11
....	....	....	3.38	44.37	2.96	....
34,790.87	21,974.69	298,966.05	102,047.91	536,252.40	223,850.74	19,829.66
5,498.78	....	....	....	....	....	....
....	.24	6,058.53	122.54	10.40	655.66	92.28
....	....	....	....	....	403.92	....
514.85	182.67	688.13	....	5,389.00	305.00	8.00
6,013.63	182.91	6,746.66	122.54	5,399.40	1,364.58	100.28
6,090.54	2,006.48	144,676.33	59,212.62	208,296.05	65,554.34	8,865.11
4,045.00	1,156.81	33,650.43	10,614.26	101,964.73	51,942.95	3,618.17
....	....	10,176.28	....	18,078.09	1,267.05	....
10,135.54	3,163.29	188.503.04	69,826.88	328,338.87	118,764.34	12,483.28
6,804.72	9,000.00	33,046.41	9,500.00	127,000.00	22,295.22	4,500.00
....	....	....	....	....	....	....
11,836.98	9,628.49	70,669.94	22,598.49	75,514.13	81,426.60	2,746.10
18,641.70	18,628.49	103,716.35	32,098.49	202,514.13	103,721.82	7,246.10
34,790.87	21,974.69	298,966.05	102,047.91	536,252.40	223,850.74	19,829.66
20.9	0.9	4.4	0.3	1.6	0.9	1.0

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Morrisburg 1,436	Mount Brydges P.V.	Mount Forest 1,787	Napanee 3,362	Neustadt 418
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	4,980.00	....	3,726.00	16,354.36	....
Substation equipment	4,457.21	....	686.75	2,358.27	....
Distribution system—overhead	12,800.19	8,365.14	24,026.51	51,887.80	11,175.97
Distribution system—underground	....	....	....	....	....
Line transformers	6,539.56	1,845.43	9,800.58	14,859.79	5,078.22
Meters	8,096.88	3,339.47	10,039.01	22,250.15	3,209.34
Street light equipment, regular	1,957.70	1,385.36	2,397.89	4,853.01	496.41
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	546.34	105.90	1,888.42	6,252.13	1,495.88
Steam or hydraulic plant	....	....	....	....	....
Old plant	3,364.41	....	3,810.95	....	....
Total plant	42,742.29	15,041.30	56,376.11	118,815.51	21,455.82
Bank and cash balance	4,407.41	1,038.21	3,242.52	1,340.08	3,214.83
Securities and investments	8,000.00	14,000.00	13,000.00	12,800.00	11,700.00
Accounts receivable	297.74	648.28	164.63	10,068.52	61.39
Inventories	....	....	48.27	7,787.32	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	4,912.48	11,072.05	49,103.00	65,618.22	8,715.92
Other assets	....	....	....	13.72	....
Total assets	60,359.92	41,799.84	121,934.53	216,443.37	45,147.96
LIABILITIES					
Debenture balance	2,149.58	....	....	....	....
Accounts payable	497.19	565.48	41.88	....	173.48
Bank overdraft	....	....	....	....	....
Other liabilities	1,781.32	150.66	285.00	1,230.91	148.85
Total liabilities	4,428.09	716.14	326.88	1,230.91	322.33
RESERVES					
For equity in H-E.P.C. systems	4,912.48	11,072.05	49,103.00	65,618.22	8,715.92
For depreciation	3,335.84	6,623.53	28,964.43	22,406.69	11,680.04
Other reserves	6,927.13	97.38	1,500.00	2,500.00	....
Total reserves	15,175.45	17,792.96	79,567.43	90,524.91	20,395.96
SURPLUS					
Debentures paid	32,423.70	4,220.00	30,958.60	70,000.00	17,000.00
Local sinking fund	....	....	....	....	....
Operating surplus	8,332.68	19,070.74	11,081.62	54,687.55	7,429.67
Total surplus	40,756.38	23,290.74	42,040.22	124,687.55	24,429.67
Total liabilities, reserves and surplus	60,359.92	41,799.84	121,934.53	216,443.37	45,147.96
Percentage of net debt to total assets	8.0	2.3	0.4	0.8	0.9

"A"—Continued

Hydro Municipalities as at December 31, 1946

Newbury	Newcastle	New Hamburg	Newmarket	New Toronto	Niagara Falls
207	675	1,456	3,990	7,182	19,138
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	107.37	4,203.21	4,000.00	47,433.92	130,662.86
....	....	1,319.80	5,000.00	....	280,817.49
7,020.68	15,473.54	25,438.47	54,869.24	105,483.73	217,032.27
....	....	....	....	17,198.72	....
1,571.26	4,673.83	12,129.44	30,304.87	53,056.67	219,063.54
1,514.19	4,293.72	12,005.20	23,475.88	45,910.16	132,906.24
881.47	980.51	2,274.20	6,810.23	10,545.44	118,826.62
....	....	....	....	....	....
504.57	1,544.00	616.97	2,231.40	6,303.40	23,574.59
....	....	....	....	....	....
....	....	5,242.56	....	....	....
11,492.17	27,072.97	63,229.85	126,691.62	285,932.04	1,122,883.61
977.08	476.75	282.48	25.00	17,479.62	9,419.65
6,500.00	9,000.00	18,100.00	....	134,000.00	230,000.00
427.26	319.34	489.44	595.76	2,814.58	2,176.35
....	....	1,027.14	95.42	4,570.86	31,913.90
....	....	....	....	....	....
6,221.50	4,433.69	70,114.57	2,665.15	707,943.24	806,229.74
....	....	....	....	....	684.49
25,618.01	41,302.75	153,243.48	130,072.95	1,152,740.34	2,203,307.74
....	....	....	4,000.00	....	21,340.21
....	2.80	163.88	342.02	1,132.64	2,637.95
....	....	....	1,896.23	....	3,236.84
42.84	....	161.50	....	6,478.01	20,194.12
42.84	2.80	325.38	6,238.25	7,610.65	47,409.12
6,221.50	4,433.69	70,114.57	2,665.15	707,943.24	806,229.74
6,446.91	12,104.25	20,991.66	42,194.38	92,868.34	371,862.44
....	....	4,633.83	....	366.15	16,064.76
12,668.41	16,537.94	95,740.06	44,859.53	801,177.73	1,194,156.94
9,754.39	14,000.00	17,729.08	1,000.00	8,000.00	668,902.79
....	....	....	....	....	....
3,152.37	10,762.01	39,448.96	77,975.17	335,951.96	292,838.89
12,906.76	24,762.01	57,178.04	78,975.17	343,951.96	961,741.68
25,618.01	41,302.75	153,243.48	130,072.95	1,152,740.34	2,203,307.74
0.2	0.0	0.4	4.9	1.7	3.4

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Niagara-on-the-Lake 1,802	North York Twp. V.A.	Norwich 1,249	Norwood 685	Oil Springs 396
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	2,320.00	48,339.66	4,660.42	....	6,299.16
Substation equipment	24,212.17	80,574.14	....	457.53	2,461.78
Distribution system—overhead	43,148.08	572,037.95	11,926.99	24,189.34	15,436.94
Distribution system—underground	....	....	....	....	....
Line transformers	25,175.05	199,963.48	8,749.38	6,019.00	6,828.29
Meters	15,582.62	149,305.70	9,253.43	6,373.24	4,455.07
Street light equipment, regular	4,767.84	156.00	4,685.64	1,837.92	308.24
Street light equipment, ornamental	....	36,638.38	....	....	....
Miscellaneous construction expense	3,737.54	36,734.37	972.98	3,582.30	1,472.74
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	2,447.51	....
Total plant	118,943.30	1,123,749.68	40,248.84	44,906.84	37,262.22
Bank and cash balance	6,500.41	18,487.73	1,433.51	2,427.82	4,098.04
Securities and investments	....	30,000.00	14,000.00	20,500.00	8,500.00
Accounts receivable	1,176.21	15,311.35	1,352.32	1,009.00	122.00
Inventories	4,790.92	33,458.94	1,979.90	....	193.21
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	48,056.91	304,381.95	51,761.00	9,122.15	33,953.24
Other assets	0.30	....	48.15	....	....
Total assets	179,468.05	1,525,389.65	110,823.72	77,965.81	84,128.71
LIABILITIES					
Debenture balance	14,115.14	90,630.96	....	8,342.35	....
Accounts payable	1,264.05	40,427.25	167.58	278.98	226.27
Bank overdraft	....	....	....	....	....
Other liabilities	454.30	50,467.26	387.32	596.88	17.80
Total liabilities	15,833.49	181,525.47	554.90	9,218.21	244.07
RESERVES					
For equity in H-E.P.C. systems	48,056.91	304,381.95	51,761.00	9,122.15	33,953.24
For depreciation	24,813.98	257,009.26	12,573.82	18,870.29	14,562.91
Other reserves	701.86	1,615.30	559.96	....	1,285.23
Total reserves	73,572.75	563,006.51	64,894.78	27,992.44	49,801.38
SURPLUS					
Debentures paid	34,386.28	437,390.91	13,756.00	28,757.65	16,721.31
Local sinking fund	....	....	....	....	....
Operating surplus	55,675.53	343,466.76	31,618.04	11,997.51	17,361.95
Total surplus	90,061.81	780,857.67	45,374.04	40,755.16	34,083.26
Total liabilities, reserves and surplus	179,468.05	1,525,389.65	110,823.72	77,965.81	84,128.71
Percentage of net debt to total assets	12.0	12.2	0.5	13.4	0.6

"A"—Continued

Hydro Municipalities as at December 31, 1946

Omemee 598	Orangeville 2,633	Orono P.V.	Oshawa 26,454	Ottawa 163,690	Otterville P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	2,585.07	....	72,407.61	580,137.53	....
360.32	1,169.00	....	67,336.66	1,112,447.29	....
16,569.45	40,043.75	6,322.75	324,950.89	955,007.16	9,277.01
....	....	....	463.73	290,069.75	....
8,199.52	16,217.96	2,066.57	107,190.90	435,093.61	5,589.30
3,931.14	16,228.11	2,469.25	147,756.66	326,885.89	3,575.35
805.48	7,601.62	1,285.76	21,483.51	126,849.45	1,722.75
....	....	....	....	....	....
1,405.00	6,155.82	762.59	14,590.98	39,415.08	500.73
....	....	....	....	....	....
....	....	....	6,431.65	....	....
31,270.91	90,001.33	12,906.92	762,612.59	3,865,905.76	20,665.14
535.50	3,844.04	1,659.57	100,713.21	470,778.21	764.13
8,000.00	23,000.00	5,000.00	285,000.00	1,140,000.00	6,500.00
582.92	364.42	.84	88,364.14	97,111.21	23.38
....	270.74	....	34,622.38	42,781.11	513.00
....	....	....	....	246,700.77	....
3,094.14	66,932.91	2,139.58	847,523.30	363,690.62	12,801.17
....	12.86	....	553.45	....	....
43,483.47	184,426.30	21,706.91	2,119,389.07	6,226,976.68	41,266.82
....	....	....	....	96,241.43	....
1,854.61	226.07	3.03	57,729.91	85,207.73	80.03
....	....	....	....	....	....
151.79	138.00	....	27,778.78	24,063.40	83.88
2,006.40	364.07	3.03	85,508.69	205,512.56	163.91
3,094.14	66,932.91	2,139.58	847,523.30	363,690.62	12,801.17
13,960.59	40,228.86	1,000.17	137,604.51	2,016,639.69	8,930.62
....	....	1,000.00	75,768.97	681,177.13	....
17,054.73	107,161.77	4,139.75	1,060,896.78	3,061,507.44	21,731.79
12,000.00	35,900.00	8,000.00	310,000.00	883,758.57	4,500.00
....	....	....	....	246,700.77	....
12,422.34	41,000.46	9,564.13	662,983.60	1,829,488.34	14,871.12
24,422.34	76,900.46	17,564.13	972,983.60	2,959,947.68	19,371.12
43,483.47	184,426.30	21,706.91	2,119,389.07	6,226,967.68	41,266.82
5.0	0.3	0.0	6.7	1.9	0.6

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Owen Sound 14,014	Paisley 585	Palmerston 1,379	Paris 4,531	Parkhill 802
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	30,235.43	....	....	13,070.15	....
Substation equipment	39,406.72	1,923.46	1,346.28	49,995.08	....
Distribution system—overhead	143,800.28	15,072.33	33,585.57	58,722.50	21,390.68
Distribution system—underground	....	....	....	....	....
Line transformers	77,356.08	5,082.92	12,373.71	32,577.16	11,273.20
Meters	80,021.79	3,965.72	9,938.55	23,929.06	5,536.06
Street light equipment, regular	31,556.58	1,071.77	6,855.26	14,112.53	1,896.65
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	2,515.92	782.88	830.11	1,082.93	1,944.49
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	....	....
Total plant	404,892.80	27,899.08	64,929.48	193,489.41	42,041.08
Bank and cash balance	....	715.64	1,246.75	3,143.67	....
Securities and investments	32,500.00	5,500.00	16,100.00	42,500.00	5,000.00
Accounts receivable	3,676.86	63.34	589.05	307.50	386.83
Inventories	26,674.68	....	2,603.73	....	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	332,313.06	16,026.27	63,035.14	163,053.06	27,939.79
Other assets	....	....	19.58	158.39	240.00
Total assets	800,057.40	50,204.33	148,523.73	402,652.03	75,607.70
LIABILITIES					
Debenture balance	....	....	....	....	....
Accounts payable	22,727.59	141.63	674.94	478.40	586.43
Bank overdraft	275.13	....	....	....	78.44
Other liabilities	8,269.07	67.42	250.20	....	139.07
Total liabilities	31,271.79	209.05	925.14	478.40	803.94
RESERVES					
For equity in H-E.P.C. systems	332,313.06	16,026.27	63,035.14	163,053.06	27,939.79
For depreciation	114,742.30	8,080.34	20,593.14	93,184.21	11,891.88
Other reserves	285.02	1,000.00	319.84	120.22	2,700.00
Total reserves	447,340.38	25,106.61	83,948.12	256,357.49	42,531.67
SURPLUS					
Debentures paid	107,718.00	16,000.00	27,000.00	92,000.00	14,630.02
Local sinking fund	....	....	....	....	....
Operating surplus	213,727.23	8,888.67	36,650.47	53,816.14	17,642.07
Total surplus	321,445.23	24,888.67	63,650.47	145,816.14	32,272.09
Total liabilities, reserves and surplus	800,057.40	50,204.33	148,523.73	402,652.03	75,607.70
Percentage of net debt to total assets	6.7	0.6	1.1	0.2	1.7

"A"—Continued

Hydro Municipalities as at December 31, 1946

Penetanguishene 3,894	Perth 4,265	Peterborough 32,242	Petrolia 2,684	Picton 3,542	Plattsville P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,288.05	5,109.34	82,688.86	37,707.52	10,944.23	....
7,161.13	6,961.44	131,251.87	5,956.75	2,004.66	....
55,512.25	50,031.23	413,458.25	52,287.96	45,276.06	4,932.39
....	....	....	....	....	....
23,441.51	32,753.43	187,371.79	37,716.26	20,272.51	2,432.95
21,154.05	25,713.44	161,785.10	18,735.96	24,628.40	2,945.32
4,040.41	5,408.88	68,629.57	7,110.70	10,601.26	158.29
....	....	....	....	....	....
796.79	5,263.70	14,169.17	6,246.18	4,042.59	571.56
....	....	....	....	....	....
....	23,354.70	....	....	....	....
114,394.19	154,596.16	1,059,354.61	165,761.33	117,769.71	11,040.51
4,691.89	14,015.52	25,446.86	50.00	....	2,685.41
40,000.00	82,500.00	315,000.00	15,000.00	51,500.00	9,500.00
1,267.74	4,512.62	54,894.44	3,089.94	1,429.94	64.47
158.56	16,687.84	35,596.64	3,396.31	7,733.62	....
....	....	24,191.76	....	....	....
91,967.97	104,273.63	505,787.84	144,101.49	81,956.92	13,557.02
....	....	171.73	320.00	....	....
252,480.35	376,585.77	2,020,443.88	331,719.07	260,390.19	36,847.41
....	19,116.66	53,000.00	....	....	....
230.76	....	45,274.08	1,285.64	377.33	24.42
....	....	....	1,125.40	4,162.82	....
964.50	3,112.98	465.00	1,227.56	4,505.52	....
1,195.26	22,229.64	98,739.08	3,638.60	9,045.67	24.42
91,967.97	104,273.63	505,787.84	144,101.49	81,956.92	13,557.02
58,829.61	78,593.44	309,410.71	50,750.85	30,794.79	5,253.39
16,888.55	4,535.61	1,237.30	122.45	14,468.91	....
167,686.13	187,402.68	816,435.85	194,974.79	127,220.62	18,810.41
36,982.95	89,283.34	447.610.67	50,000.00	5,730.32	5,237.00
....	....	24,191.76	....	....	....
46,616.01	77,670.11	633,466.52	83,105.68	118,393.58	12,775.58
83,598.96	166,953.45	1,105,268.95	133,105.68	124,123.90	18,012.58
252,480.35	376,585.77	2,020.443,88	331,719.07	260,390.19	36,847.41
0.7	8.2	6.6	1.9	5.3	0.1

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Point Edward 1,360	Port Colborne 7,187	Port Credit 2,250	Port Dalhousie 1,747	Port Dover 2,073
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	....	30,326.10	675.00	....	248.75
Substation equipment	....	....	....	....	....
Distribution system—overhead	24,835.25	91,726.92	42,705.25	24,617.22	42,508.97
Distribution system—underground	....	....	....	....	....
Line transformers	8,906.84	36,634.03	17,523.51	15,782.39	22,372.54
Meters	7,644.35	32,135.65	16,090.41	14,595.42	15,061.40
Street light equipment, regular	3,762.49	5,307.16	5,533.94	1,553.53	3,597.31
Street light equipment, ornamental	....	16,611.59	....	....	....
Miscellaneous construction expense	1,325.02	13,136.48	2,388.86	2,346.40	1,994.55
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	9,929.60	....	6,018.38	....
Total plant	46,473.95	235,807.53	84,916.97	64,913.34	85,783.52
Bank and cash balance	3,468.32	603.85	3,104.88	7,658.31	1,856.44
Securities and investments	21,000.00	115,000.00	7,500.00	12,000.00	....
Accounts receivable	1,500.51	240.93	1,117.43	1,120.58	2,259.85
Inventories	1,033.84	2,597.97	....	251.25	229.28
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	97,246.03	146,480.90	61,802.90	56,226.52	39,677.28
Other assets	....	133.30	....	18.16	21.67
Total assets	170,722.65	500,864.48	158,442.18	142,188.16	129,828.04
LIABILITIES					
Debenture balance	....	7,113.61	895.22	....	....
Accounts payable	859.06	212.08	313.88	381.10	141.00
Bank overdraft	....	....	....	....	....
Other liabilities	405.40	20,587.83	1,194.07	1,333.85	1,294.00
Total liabilities	1,264.46	27,913.52	2,403.17	1,714.95	1,435.00
RESERVES					
For equity in H-E.P.C. systems	97,246.03	146,480.90	61,802.90	56,226.52	39,677.28
For depreciation	20,367.97	68,247.18	25,118.24	13,764.01	22,276.65
Other reserves	4,272.20	37,460.62	7,917.84	214.16	....
Total reserves	121,886.20	252,188.70	94,838.98	70,204.69	61,953.93
SURPLUS					
Debentures paid	17,000.00	138,886.39	13,604.78	22,500.00	29,000.00
Local sinking fund	....	....	....	....	....
Operating surplus	30,571.99	81,875.87	47,595.25	47,768.52	37,439.11
Total surplus	47,571.99	220,762.26	61,200.03	70,268.52	66,439.11
Total liabilities, reserves and surplus	170,722.65	500,864.48	158,442.18	142,188.16	129,828.04
Percentage of net debt to total assets	1.7	3.3	2.5	2.0	1.6

"A"—Continued

Hydro Municipalities as at December 31, 1946

Port Elgin 1,559	Port Hope 4,898	Port McNicoll 869	Port Perry 1,288	Port Rowan 616	Port Stanley 896
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
111.25	11,691.21	369.08	....	....	1,574.60
....	3,100.00	....	2,564.65	....	....
28,649.14	59,778.72	13,154.27	21,361.75	11,827.17	27,930.40
....	....	....	....	....	....
7,655.37	27,870.61	2,358.40	6,408.39	4,895.47	15,569.44
10,404.88	33,139.43	4,246.00	6,216.70	3,103.05	14,351.62
3,262.76	4,076.62	696.26	1,861.50	1,034.13	2,292.67
....	....	....	....	....	....
50.41	7,322.31	590.68	135.61	745.53	6,211.36
....	....	....	....	....	....
4,213.00	....	....	....	....	....
54.346.81	146,978.90	21,414.69	38,548.60	21,605.35	67,930.09
6,601.42	8,767.30	....	1,758.06	174.10	2,706.26
11,500.00	35,000.00	1,000.00	11,000.00	5,000.00	22,000.00
219.25	756.72	259.42	262.02	43.52	389.14
....	6,005.80	....	....	....	....
....	....	....	....	....	....
21,939.79	97,110.60	9,133.17	26,682.54	10,293.74	59,638.95
....	....	....	....	....	....
94,607.27	294,619.32	31,807.28	78,251.22	37,116.71	152,664.44
11,950.16	....	....	....	904.75	....
3,480.22	27.20	342.17	206.87	....	191.72
....	....	1,155.23	....	....	....
....	7,863.55	238.40	548.00	235.00	301.42
15,430.38	7,890.75	1,735.80	754.87	1,139.75	493.14
21,939.79	97,110.60	9,133.17	26,682.54	10,293.74	59,638.95
14,474.72	40,169.33	6,711.89	15,620.56	6,210.06	23,296.31
....	....	....	....	....	5,075.23
36,414.51	137,279.93	15,845.06	42,303.10	16,503.80	88,010.49
30,049.84	79,000.00	7,300.00	19,881.66	10,095.25	18,950.00
....	....	....	....	....	....
12,712.54	70,448.64	6,926.42	15,311.59	9,377.91	45,210.81
42,762.38	149,448.64	14,226.42	35,193.25	19,473.16	64,160.81
94,607.27	294,619.32	31,807.28	78,251.22	37,116.71	152,664.44
21.2	4.0	7.6	1.5	4.2	0.5

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Prescott	Preston	Priceville	Princeton	Queenston
Population	3,194	6,701	P.V.	P.V.	P.V.
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	2,761.54		68.00		
Substation equipment		57,211.70			
Distribution system—overhead	43,784.47	95,475.42	6,127.61	4,526.47	8,868.77
Distribution system—underground					
Line transformers	22,421.03	62,807.50	1,211.66	3,881.23	3,729.12
Meters	22,470.39	47,317.97	808.60	1,810.54	2,042.89
Street light equipment, regular	2,302.03	6,891.81	317.88	207.93	498.05
Street light equipment, ornamental					
Miscellaneous construction expense	676.55	12,238.85	833.90	75.03	2,515.97
Steam or hydraulic plant					
Old plant		32,126.75			
Total plant	94,416.01	314,070.00	9,367.65	10,501.20	17,654.80
Bank and cash balance	14,115.53	125.00	534.56	1,660.43	999.04
Securities and investments	7,000.00	43,000.00	2,500.00	7,000.00	7,500.00
Accounts receivable	777.92	3,430.25	34.00	46.09	284.08
Inventories		8,555.96			
Sinking fund on local debentures					
Equity in H-E.P.C. systems	74,955.69	370,506.68	1,374.56	14,038.64	10,005.74
Other assets		1.49			
Total assets	191,265.15	739,689.38	13,810.77	33,246.36	36,443.66
LIABILITIES					
Debenture balance		5,690.73			327.70
Accounts payable	462.20	462.99		44.24	0.40
Bank overdraft		505.54			
Other liabilities	460.40	1,522.75			65.00
Total liabilities	922.60	8,182.01		44.24	393.10
RESERVES					
For equity in H-E.P.C. systems	74,955.69	370,506.68	1,374.56	14,038.64	10,005.74
For depreciation	61,438.24	164,828.79	4,232.31	3,708.90	6,250.53
Other reserves		427.76			
Total reserves	136,393.93	535,763.23	5,606.87	17,747.54	16,256.27
SURPLUS					
Debentures paid	12,170.99	147,109.27	7,000.00	3,550.00	9,172.30
Local sinking fund					
Operating surplus	41,777.63	48,634.87	1,203.90	11,904.58	10,621.99
Total surplus	53,948.62	195,744.14	8,203.90	15,454.58	19,794.29
Total liabilities, reserves and surplus	191,265.15	739,689.38	13,810.77	33,246.36	36,443.66
Percentage of net debt to total assets	0.8	2.2	0.0	0.2	1.5

"A"—Continued

Hydro Municipalities as at December 31, 1946

Renfrew 5,781	Richmond 450	Richmond Hill 1,458	Ridgetown 1,948	Ripley 433	Riverside 5,938	Rockwood P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
9,393.89	....	....	3,883.13	....	11,371.12	79.00
30,406.52	....	600.00	1,024.24	....	....	....
46,812.88	7,061.44	16,348.61	26,863.17	10,886.67	94,680.66	9,339.10
....	....	....	....	....	....	....
40,641.00	2,135.28	13,103.59	12,970.07	5,607.47	32,419.28	3,823.65
32,771.25	1,974.93	8,272.65	11,364.13	2,710.23	33,503.61	4,026.93
22,446.92	194.48	1,338.88	7,058.99	975.93	....	731.82
....	....	....	1,431.73	....	19,163.24	....
5,650.00	612.67	....	2,333.45	1,234.38	9,608.77	389.38
496,554.65	....	....	....	....	....	....
....	....	....	....	....	....	....
684,677.11	11,978.80	39,663.73	66,928.91	21,414.68	200,746.68	18,389.88
2,456.93	158.32	353.29	2,987.52	2,925.78	2,375.88	1,952.96
....	....	11,500.00	14,000.00	....	32,000.00	3,600.00
15,732.64	263.24	474.78	437.71	6.33	1,600.04	....
....	....	....	562.60	....	5,541.56	143.50
....	....	....	....	....	....	....
433.19	4,840.84	31,099.61	61,501.36	11,894.97	118,698.43	15,909.62
....	....	....	....	....	....	....
703,299.87	17,241.20	83,091.41	146,418.10	36,241.76	360,962.59	39,995.96
78,567.21	1,039.17	....	....	2,747.97	....	868.52
5,329.75	171.13	317.83	1,131.27	....	205.24	72.25
....	....	....	....	....	....	....
....	81.87	472.24	2,316.73	194.83	21,326.56	168.72
83,896.96	1,292.17	790.07	3,448.00	2,942.80	21,531.80	1,109.49
433.19	4,840.84	31,099.61	61,501.36	11,894.97	118,698.43	15,909.62
123,346.80	3,018.14	4,344.22	22,391.39	6,061.49	61,497.01	8,855.26
3,769.42	....	3,069.37	9,713.45	....	12,571.77	....
127,549.41	7,858.98	38,513.20	93,606.20	17,956.46	192,767.21	24,764.88
432,669.52	5,460.83	12,200.00	19,455.99	11,223.97	82,500.00	3,631.48
....	....	....	....	....	....	....
59,183.98	2,629.22	31,588.14	29,907.91	4,118.53	64,163.58	10,490.11
491,853.50	8,090.05	43,788.14	49,363.90	15,342.50	146,663.58	14,121.59
703,299.87	17,241.20	83,091.41	146,418.10	36,241.76	360,962.59	39,995.96
11.9	10.4	1.5	2.4	12.1	1.1	4.6

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Rodney	Rosseau	Russell	St. Catharines	St. Clair Beach
Population	731	134	P.V.	34,559	235
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	....	....	....	31,162.35	....
Substation equipment	....	....	....	199,583.84	....
Distribution system—overhead	12,389.18	7,857.44	8,449.70	312,115.74	10,675.26
Distribution system—underground	....	....	....	....	....
Line transformers	4,400.57	2,314.23	2,070.00	223,140.05	3,594.68
Meters	4,725.70	1,317.86	2,147.11	166,159.70	2,678.81
Street light equipment, regular	3,533.02	623.60	644.70	25,218.61	618.31
Street light equipment, ornamental	....	....	....	29,486.71	....
Miscellaneous construction expense	837.45	1,067.16	1,209.25	6,103.89	40.00
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	16,000.00	....
Total plant	25,885.92	13,180.29	14,520.76	1,008,970.89	17,607.06
Bank and cash balance	1,483.14	1,972.82	1,416.88	5,371.93	....
Securities and investments	6,200.00	2,500.00	6,000.00	413,000.00	5,500.00
Accounts receivable	3.31	56.86	946.75	55,332.75	132.02
Inventories	....	....	....	27,853.43	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	19,596.98	5,570.67	8,145.00	1,035,940.22	9,982.89
Other assets	....	....	....	459.92	....
Total assets	53,169.35	23,280.54	31,029.39	2,546,929.14	33,221.97
LIABILITIES					
Debenture balance	....	6,327.07	....	15,750.00	....
Accounts payable	162.53	51.09	277.39	57,510.03	50.16
Bank overdraft	....	....	....	4,128.43	497.75
Other liabilities	295.00	40.00	20.00	37,683.64	395.00
Total liabilities	457.53	6,418.16	297.39	115,072.10	942.91
RESERVES					
For equity in H-E.P.C. systems	19,596.98	5,570.57	8,145.00	1,035,940.22	9,982.89
For depreciation	6,499.62	4,082.23	4,465.86	340,843.67	6,819.10
Other reserves	73.15	68.74	....	53,045.79	34.74
Total reserves	26,169.75	9,721.54	12,610.86	1,429,829.68	16,836.73
SURPLUS					
Debentures paid	8,500.00	6,672.93	10,000.00	286,272.91	6,341.45
Local sinking fund	....	....	....	....	....
Operating surplus	18,042.07	467.91	8,121.14	715,754.45	9,100.88
Total surplus	26,542.07	7,140.84	18,121.14	1,002,027.36	15,442.33
Total liabilities, reserves and surplus	53,169.35	23,280.54	31,029.39	2,546,929.14	33,221.97
Percentage of net debt to total assets	1.4	36.2	1.3	5.8	4.1

"A"—Continued

Hydro Municipalities as at December 31, 1946

St. George P.V.	St. Jacobs P.V.	St. Marys 3,643	St. Thomas 18,190	Sarnia 20,060	Scarborough Twp. V.A.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	19,194.78	79,143.04	147,184.76	21,446.77
....	....	33,232.02	136,643.39	219,374.18	18,848.71
6,575.98	8,138.87	73,190.91	134,401.86	247,076.74	378,651.38
....	....	....	77,111.75	61,943.90	....
3,919.64	4,927.21	42,701.63	74,273.19	105,706.03	140,527.28
3,945.45	4,120.97	30,337.29	85,949.93	104,148.58	106,885.95
489.63	396.19	6,812.08	23,887.02	31,405.18	24,205.85
....	....	....	3,693.04	8,271.83	....
133.35	591.47	10,160.05	4,691.07	57,844.40	4,771.11
....	....	....	....	....	....
....	....	20,696.85	....	....	....
15,064.05	18,174.71	236,325.61	619,794.29	982,955.60	695,337.05
2,408.25	2,327.00	25.00	1,071.19	300.00	22,078.86
9,750.00	10,000.00	3,000.00	152,000.00	100,000.00	170,000.00
26.94	12.92	1,006.95	20,909.41	16,703.79	17.310.80
....	....	6,881.23	33,436.40	38,719.73	....
....	....	....	....	....	....
20,052.65	24,548.74	185,826.64	710,710.04	908,450.66	292,323.09
....	....	192.04	....	75.98	275.19
47,301.89	54,973.37	433,257.47	1,537,921.33	2,047,205.76	1,197,324.99
....	....	8,685.20	....	....	....
8.21	....	222.98	1,084.30	2,491.23	18,614.40
....	....	7,262.01	....	3,122.93	....
405.00	....	1,386.50	19,964.54	21,904.07	57,569.86
413.21	....	17,556.69	21,048.84	27,518.23	76.184.26
20,052.65	24,548.74	185,826.64	710,710.04	908,450.66	292,323.09
4,965.60	5,329.07	87,084.04	265,603.29	270,003.18	207,065.91
2,000.00	....	3,201.51	25,447.45	66,675.22	72,171.30
27,018.25	29,877.81	276,112.19	1,001,760.78	1,245,129.06	571,560.30
6,000.00	6,000.00	105,575.18	138,944.07	338,000.00	290,568.27
....	....	....	....	....	....
13,870.43	19,095.56	34,013.41	376,167.64	436,558.47	259,012.16
19,870.43	25,095.56	139,588.59	515,111.71	774,558.47	549,580.43
47,301.89	54,973.37	433,257.47	1,537,921.33	2,047,205.76	1,197,324.99
1.5	0.0	7.1	2.5	1.7	8.4

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Seaforth	Shelburne	Simcoe	Smiths Falls	Smithville
Population	1,724	1,132	6,063	7,736	P.V.
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	1,836.39	800.00	11,201.89	9,646.57	
Substation equipment	8,930.07	566.60	41,527.90	4,765.59	
Distribution system—overhead	32,416.73	15,794.18	66,864.81	101,621.60	11,579.32
Distribution system—underground			1,412.24		
Line transformers	15,925.89	9,897.88	52,233.86	46,656.78	5,408.22
Meters	12,332.19	8,578.00	41,756.94	40,999.81	4,742.10
Street light equipment, regular	5,789.27	1,106.93	22,800.72	9,793.86	1,687.68
Street light equipment, ornamental					
Miscellaneous construction expense	1,468.48	2,452.71	7,122.51	2,032.89	274.59
Steam or hydraulic plant					
Old plant			927.92		1,878.98
Total plant	78,699.02	39,196.30	245,848.79	215,517.10	25,570.89
Bank and cash balance	2,471.48	879.42	2,047.65	8,888.11	970.91
Securities and investments	13,000.00	15,500.00	62,500.00	98,000.00	12,500.00
Accounts receivable	1,923.01	92.84	1,571.94	1,547.47	12.93
Inventories	1,596.00		10,900.69	7,211.92	201.00
Sinking fund on local debentures					
Equity in H-E.P.C. systems	87,031.49	27,730.34	166,913.05	152,362.30	2,582.67
Other assets					
Total assets	184,721.00	83,398.90	489,782.12	483,526.90	41,838.40
LIABILITIES					
Debenture balance	7,815.60		5,544.49		3,804.04
Accounts payable	115.18	98.31	10,187.93	505.84	59.60
Bank overdraft					
Other liabilities	613.78	97.45	1,885.14	432.50	75.00
Total liabilities	8,544.56	195.76	17,617.56	938.34	3,938.64
RESERVES					
For equity in H-E.P.C. systems	87,031.49	27,730.34	166,913.05	152,362.30	2,582.67
For depreciation	25,097.80	20,552.84	56,872.36	115,910.08	8,040.58
Other reserves	422.90	1,500.00	29,000.00	5,490.28	
Total reserves	112,552.19	49,783.18	252,785.41	273,762.66	10,623.25
SURPLUS					
Debentures paid	27,184.40	19,920.00	69,890.41	122,787.33	11,195.96
Local sinking fund					
Operating surplus	36,439.85	13,499.96	149,488.74	86,038.57	16,080.55
Total surplus	63,624.25	33,419.96	219,379.15	208,825.90	27,276.51
Total liabilities, reserves and surplus	184,721.00	83,398.90	489,782.12	483,526.90	41,838.40
Percentage of net debt to total assets	8.7	0.3	5.5	0.3	10 0

"A"—Continued

Hydro Municipalities as at December 31, 1946

Southampton 1,598	Springfield 409	Stamford Twp. V.A.	Stayner 1,028	Stirling 1,006	Stouffville 1,340
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
25.00	....	8,702.41	....	8,522.88	....
....	....	52,962.04	200.00	8,034.64	....
30,463.63	10,340.20	193,534.61	17,429.47	7,389.61	16,990.68
....	....	....	....	....	....
13,354.76	3,285.06	78,305.25	8,883.57	6,201.80	9,173.22
11,604.25	2,405.60	57,096.34	8,047.76	6,370.34	6,712.49
3,747.16	629.47	13,388.95	1,197.86	3,203.33	2,230.37
....	....	....	....	....	....
162.16	892.63	13,046.84	310.33	995.87	1,121.02
....	....	....	....	....	....
2,477.00	....	13,743.66	....	....	....
61,833.96	17,552.96	430,780.10	36,068.99	40,718.47	36,227.78
850.56	2,049.00	2,540.42	722.76	9,177.48	789.25
8,500.00	5,500.00	26,000.00	11,000.00	12,500.00	11,500.00
139.71	166.40	16,163.82	252.85	551.25	23.14
....	....	7,100.62	....	1,099.28	....
....	....	....	....	....	....
20,658.81	12,594.79	145,578.78	24,689.96	13,645.92	25,365.36
....	....	469.37	....	....	....
91,983.04	37,863.15	628,633.11	72,734.56	77,692.40	73,905.53
2,178.49	356.83	25,417.10	....	....	....
189.01	452.08	1,955.66	....	....	127.64
....	....	3,338.99	1,992.63	....	....
4.74	10.00	8,400.42	369.00	402.93	488.20
2,372.24	818.91	39,112.17	2,361.63	402.93	615.84
20,658.81	12,594.79	145,578.78	24,689.96	13,645.92	25,365.36
13,259.29	4,871.91	113,737.16	18,617.15	11,331.63	5,798.18
....	....	44,154.32	41.17	....	4,350.96
33,918.10	17,466.70	303,470.26	43,348.28	24,977.55	35,514.50
30,821.44	9,143.17	214,861.07	9,867.59	10,000.00	14,673.90
....	....	....	....	....	....
24,871.26	10,434.37	71,189.61	17,157.06	42,311.92	23,101.29
55,692.70	19,577.54	286,050.68	27,024.65	52,311.92	37,775.19
91,983.04	37,863.15	628,633.11	72,734.56	77,692.40	73,905.53
3.3	3.2	8.1	4.9	0.6	1.3

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Stratford	Strathroy	Streetsville	Sunderland	Sutton
Population	17,092	3,001	707	P.V.	981
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	141,455.78	9,373.61	8,925.69		
Substation equipment	183,365.75	30,383.06	1,172.04		
Distribution system—overhead	161,399.38	51,042.91	9,610.37	4,749.18	24,583.40
Distribution system—underground	22,971.15				
Line transformers	112,828.95	30,056.85	8,793.71	1,841.08	12,164.49
Meters	99,610.44	18,957.33	5,035.23	2,636.83	8,639.47
Street light equipment, regular	25,809.76	6,238.53	1,619.31	670.57	1,995.15
Street light equipment, ornamental					
Miscellaneous construction expense	23,004.07	2,200.84	951.88	142.22	1,637.64
Steam or hydraulic plant			10,641.55		
Old plant	31,520.00				675.00
Total plant	801,965.28	148,253.13	46,749.78	10,039.88	49,695.15
Bank and cash balance	67,834.94	13,277.82	4,021.03	1,386.43	1,005.57
Securities and investments	233,000.00	26,000.00	2,000.00	3,500.00	7,000.00
Accounts receivable	10,867.32	78.38	178.01	12.45	248.04
Inventories	12,637.01	1,075.32			
Sinking fund on local debentures	30,822.94				
Equity in H-E.P.C. systems	836,581.19	129,460.33	5,972.20	14,223.65	25,279.00
Other assets	1,632.52				
Total assets	1,995,341.20	318,144.98	58,921.02	29,162.41	83,227.76
LIABILITIES					
Debenture balance	50,000.00	6,943.02			
Accounts payable	1,142.72	203.82	1,206.70	429.90	296.15
Bank overdraft					
Other liabilities	4,821.73	1,211.59	240.38	20.00	25.00
Total liabilities	55,964.45	8,358.43	1,447.08	449.90	321.15
RESERVES					
For equity in H-E.P.C. systems	836,581.19	129,460.33	5,972.20	14,223.65	25,279.00
For depreciation	439,887.32	56,186.85	8,728.58	7,313.02	13,131.44
Other reserves	30,665.73	1,034.16	2,621.35	59.25	1,645.84
Total reserves	1,307,134.24	186,681.34	17,322.13	21,595.92	40,056.28
SURPLUS					
Debentures paid	405,800.00	46,945.83	17,545.08	4,770.00	26,000.00
Local sinking fund	30,822.94				
Operating surplus	195,619.57	76,159.38	22,606.73	2,346.59	16,850.33
Total surplus	632,242.51	123,105.21	40,151.81	7,116.59	42,850.33
Total liabilities, reserves and surplus	1,995,341.20	318,144.98	58,921.02	29,162.41	83,227.76
Percentage of net debt to total assets	4.9	4.4	2.7	3.0	0.6

"A"—Continued

Hydro Municipalities as at December 31, 1946

Swansea	Tara	Tavistock	Tecumseh	Teeswater	Thamesford	Thamesville
7,142	472	1,082	2,794	854	P.V.	734
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
5,577.66		3,752.33	1,232.16			681.69
				330.31		
89,628.25	12,107.55	14,532.07	43,457.72	18,116.39	8,874.95	14,245.10
58,265.19	3,668.91	9,576.82	13,005.66	7,135.07	4,420.97	5,766.60
38,889.35	2,453.70	7,346.37	16,733.34	4,642.94	3,783.98	5,203.95
14,874.07	2,721.65	1,152.93		1,495.82	556.49	2,376.70
			4,760.95			
11,059.81	1,429.96	1,257.55	2,566.58	1,741.36	614.02	266.30
				4,976.86		
218,294.33	22,381.77	37,618.07	81,756.41	38,438.75	18,250.41	28,540.34
2,785.66	685.27	431.59	932.60	955.05	935.09	463.66
55,000.00	10,500.00	11,500.00	12,000.00	11,000.00	3,000.00	16,500.00
1,418.03	37.13	8.23	1,993.92	15.00	.02	1,005.84
		560.03	347.82			
136,042.70	12,341.36	65,448.63	38,484.30	18,015.03	24,499.11	24,735.44
63.83						
413,604.55	45,945.53	115,566.55	135,515.05	68,423.83	46,684.63	71,245.28
46,131.60						
1,042.03	384.18	259.37	294.51	1.36	1,062.80	287.51
4,906.41			5,398.75	61.00	94.00	451.00
52,080.04	384.18	259.37	5,693.26	62.36	1,156.80	738.51
136,042.70	12,341.36	65,448.63	38,484.30	18,015.03	24,499.11	24,735.44
68,938.37	12,113.37	16,475.02	23,323.16	13,599.82	7,566.96	14,364.74
232.52		1,000.00	5,991.02	1,000.00		164.86
205,213.59	24,454.73	82,923.65	67,798.48	32,614.85	32,066.07	39,265.04
56,535.36	15,500.00	6,000.00	26,000.00	28,000.00	5,358.03	11,187.80
99,775.56	5,606.62	26,383.53	36,023.31	7,746.62	8,103.73	20,053.93
156,310.92	21,106.62	32,383.53	62,023.31	35,746.62	13,461.76	31,241.73
413,604.55	45,945.53	115,566.55	135,515.05	68,423.83	46,684.63	71,245.28
18.7	1.2	0.5	2.2	0.1	5.2	1.6

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Thedford	Thornbury	Thorndale	Thornton	Thorold
Population	598	786	P.V.	P.V.	5,517
Assets	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings					10,992.37
Substation equipment		4,404.73			2,572.33
Distribution system—overhead	11,351.78	11,214.16	4,740.50	6,877.71	45,682.51
Distribution system—underground					
Line transformers	7,418.28	7,972.84	2,347.94	1,764.80	27,497.99
Meters	3,529.48	5,632.26	2,346.02	1,076.25	27,116.94
Street light equipment, regular	1,578.90	1,035.00	181.19	433.25	3,480.11
Street light equipment, ornamental					
Miscellaneous construction expense	1,767.23	108.93	148.95	300.35	1,745.54
Steam or hydraulic plant		36,000.00			
Old plant	433.78				
Total plant	26,079.45	66,367.92	9,764.60	10,452.36	119,087.79
Bank and cash balance		1,244.82		968.80	7,745.57
Securities and investments	12,000.00		3,500.00	2,500.00	85,800.00
Accounts receivable	243.47	24.20	447.37	5.36	185.80
Inventories					2,934.47
Sinking fund on local debentures					
Equity in H-E.P.C. systems	14,081.23	159.50	12,041.12	4,792.72	153,637.53
Other assets	1.95				51.25
Total assets	52,406.10	67,796.44	25,753.09	18,719.24	369,442.41
Liabilities					
Debenture balance		6,054.71			
Accounts payable	463.08	5,108.56		23.60	22.18
Bank overdraft	1,517.53		274.85		
Other liabilities	8.39	10.00	468.57		2,615.50
Total liabilities	1,989.00	11,173.27	743.42	23.60	2,637.68
Reserves					
For equity in H-E.P.C. systems	14,081.23	159.50	12,041.12	4,792.72	153,637.53
For depreciation	6,612.48	2,328.96	5,776.37	7,263.57	45,771.81
Other reserves			441.37		
Total reserves	20,693.71	2,488.46	18,258.86	12,056.29	199,409.34
Surplus					
Debentures paid	16,500.00	49,945.29	3,086.48	7,500.00	5,000.00
Local sinking fund					
Operating surplus	13,223.39	4,189.42	3,664.33	†*860.65*	162,395.39
Total surplus	29,723.39	54,134.71	6,750.81	6,639.35	167,395.39
Total liabilities, reserves and surplus	52,406.10	67,796.44	25,753.09	18,719.24	369,442.41
Percentage of net debt to total assets	5.2	16.5	5.4	0.2	1.2

† Deficit.

"A"—Continued

Hydro Municipalities as at December 31, 1946

Tilbury 1,929	Tillsonburg 4,172	Toronto* 681,802	Toronto Twp. V.A.	Tottenham 455	Trafalgar Twp. V.A.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
11,987.47	4,824.27	5,247,345.84	8,222.46		156.34
	21,899.54	14,846,116.88		358.50	839.61
19,691.77	57,339.58	7,075,879.37	242,538.26	10,187.22	39,506.12
		4,152,669.07			
15,478.50	33,751.65	3,807,651.32	106,623.01	2,138.12	18,925.59
10,376.46	27,982.03	3,217,069.48	67,434.51	3,210.86	10,655.15
1,400.88	13,107.95	483,350.31	7,262.17	1,121.95	192.54
1,430.37	2,021.20	2,187,353.26	8,103.05	1,509.32	1,942.38
			619 65	286.45	
60,365.45	160,926.22	41,017,435.53	440,803.11	18.812.42	72,217.73
3,311.07	1,087.36	1,044,015.47	7,494.43		1,026.85
21,000.00	38,500.00	11,478,600.00	43,000.00	1,000.00	13,000.00
102.65	1,971.91	2,042,978.10	2,164.32	51.43	1,534.67
7.69	3,416.79	533,912.44	13,674.71		
		4,082,011.46			
75,938.57	127,785.93	29,183,587.60	178,013.26	15,614.68	15,809.54
2.59	25.00	46,988.17			
160,728.02	333,713.21	89,429,528.77	685,149.83	35,478.53	103,588.79
	7,772.51	6,523,400.00	7,332.65	557.58	3,386.42
161.45	3.36	760,107.61	38,590.47	115.08	3,017.06
	8,203.13			120.65	
37.25	4,277.36	201,116.22	6,911.09	254.60	113.00
198.70	20,256.36	7,484,623.83	52,834.21	1,047.91	6,516.48
75,938.57	127,785.93	29,183,587.60	178,013.26	15,614.68	15,809.54
23,685.92	43,363.77	15,033,541.16	186,003.70	9,251.17	28,435.85
5,648.60	15,198.98	1,326,643.69	2,067.20		
105,273.09	186,348.68	45,543,772.45	366,084.16	24,865.85	44,245.39
14,000.00	38,227.49	23,773,142.76	96,667.35	12,409.52	25,501.14
		4,082,011.46			
41,256.23	88,880.68	8,545,978.27	169,564.11	*†2,844.75*	27,325.78
55,256.23	127,108.17	36,401,132.49	266,231.46	9,564.77	52,826.92
160,728.02	333,713.21	89,429,528.77	685,149.83	35,478.53	103,588.79
0.2	9.8	6.0	10.4	5.2	7.4

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* Includes 1946 power adjustment and equity in H-E.P.C. system.

† Deficit.

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Trenton	Tweed	Uxbridge	Victoria Harbour	Walkerton
Population	9,849	1,250	1,426	897	2,566
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	5,678.03	....	....	....	47.92
Substation equipment	49,167.01	....	2,657.65	....	....
Distribution system—overhead	128,065.82	18,207.19	17,067.22	12,075.01	44,636.68
Distribution system—underground	....	....	....	....	....
Line transformers	31,659.12	6,077.84	6,611.92	2,788.26	16,771.31
Meters	44,841.61	7,220.09	7,322.27	4,277.52	16,112.36
Street light equipment, regular	21,702.37	2,251.51	1,542.97	366.32	2,778.54
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	8,666.61	....	961.04	691.30	1,962.92
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	....	4,897.60
Total plant	289,780.57	33,756.63	36,163.07	20,198.41	87,207.33
Bank and cash balance	14,244.02	1,849.45	2,659.88	405.11	14,962.55
Securities and investments	105,500.00	12,000.00	9,000.00	4,000.00	20,000.00
Accounts receivable	179.50	1,749.81	215.44	108.51	208.51
Inventories	6,608.53	1,176.32	49.66	....	786.63
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	142,131.47	15,790.60	29,002.48	9,239.53	35,045.00
Other assets	300.04	....	....	....	....
Total assets	558,744.13	66,322.81	77,090.53	33,951 56	158,210.02
LIABILITIES					
Debenture balance	....	....	....	....	21,886.73
Accounts payable	265.95	570.16	457.28	60.61	147.22
Bank overdraft	....	....	....	....	....
Other liabilities	5,494.06	339.00	452.00	....	205.00
Total liabilities	5,760.01	909.16	909.28	60.61	22,238.95
RESERVES					
For equity in H-E.P.C. systems	142,131.47	15,790.60	29,002.48	9,239.53	35,045.00
For depreciation	79,301.48	3,714.40	10,727.04	7,308.25	20,310.96
Other reserves	26,500.00	1,937.58	2,484.37	....	37.15
Total reserves	247,932.95	21,442.58	42,213.89	16,547.78	55,393.11
SURPLUS					
Debentures paid	165,000.00	19,000.00	16,207.59	6,500.00	41,113.27
Local sinking fund	....	....	....	....	....
Operating surplus	140,051.17	24,971.07	17,759.77	10,843.17	39,464.69
Total surplus	305,051.17	43,971.07	33,967.36	17,343.17	80,577.96
Total liabilities, reserves and surplus	558,744.13	66,322.81	77,090.53	33,951.56	158,210.02
Percentage of net debt to total assets	1.4	1.8	1.9	0.2	18.0

"A"—Continued

Hydro Municipalities as at December 31, 1946

Wallaceburg 5,088	Wardsville 226	Warkworth P.V.	Waterdown 966	Waterford 1,375	Waterloo 9,452	Watford 938
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
48,683.90	....	....	200.00	1,323.44	19,548.90	333.36
12,857.49	....	....	....	....	118,329.21	....
84,082.74	5,736.98	6,175.16	16,895.52	17,216.30	98,547.31	18,137.29
....	....	....	....	....	....	....
65,255.67	2,459.96	1,502.91	8,648.48	9,771.49	76,578.52	8,853.62
36,763.99	1,873.63	2,456.20	7,079.35	8,556.57	51,789.04	7,085.02
12,857.48	662.94	338.08	1,166.46	3,231.62	14,318.75	2,757.32
....	....	....	....	....	3,106.80	....
11,797.12	533.73	609.19	5.75	469.00	5,341.06	2,407.93
....	....	....	....	....	....	....
....	....	3,618.02	....	....	23,880.17	....
272,298.39	11,267.24	14,699.56	33,995.56	40,568.42	411,439.76	39,574.54
9,420.44	97.30	1,261.89	2,875.96	1,472.02	250.00	1,176.60
70,500.00	4,000.00	4,200.00	9,000.00	14,000.00	99,000.00	14,800.00
6,680.99	444.48	7.74	342.99	20.28	1,858.54	1,623.52
19,758.83	....	....	....	342.95	866.35	729.23
....	....	....	....	....	....	....
284,691.25	5,253.06	5,860.76	30,819.93	46,033.43	390,559.54	35,345.84
1.04	....	....	5.86	....	....	356.00
663,350.94	21,062.08	26,029.95	77,040.30	102,437.10	903,974.19	93,605.73
....	....	4,962.48	....	....	....	....
486.46	0.52	....	15.00	25.72	3,000.00	159.49
....	....	....	....	....	9,191.36	....
3,631.35	....	26.00	94.28	....	3,106.80	262.10
4,117.81	0.52	4,988.48	109.28	25.72	15,298.16	421.59
284,691.25	5,253.06	5,860.76	30,819.93	46,033.43	390,559.54	35,345.84
82,418.52	4,485.13	4,319.52	11,485.01	15,508.85	199,791.11	15,334.00
31,124.94	25.22	....	....	2,500.00	735.26	92.53
398,234.71	9,763.41	10,180.28	42,304.94	64,042.28	591,085.91	50,772.37
71,536.58	7,562.40	6,037.52	8,000.00	7,745.53	106,000.00	9,055.77
....	....	....	....	....	....	....
189,461.84	3,735.75	4,823.67	26,626.08	30,623.57	191,590.12	33,356.00
260,998.42	11,298.15	10,861.19	34,626.08	38.369.10	297,590.12	42,411.77
663,350.94	21,062.08	26,029.95	77,040.30	102,437.10	903,974.19	93,605.73
1.1	0.0	24.7	0.2	0.0	2.4	0.7

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Waubaushene P.V.	Welland 15,780	Wellesley P.V.	Wellington 917	West Lorne 841
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings		77,006.74		200.00	2,526.50
Substation equipment		117,054.79		499.80	
Distribution system—overhead	11,056.70	190,570.63	7,965.16	17,372.34	14,350.16
Distribution system—underground		8,044.90			
Line transformers	3,726.43	118,929.27	4,257.54	6,491.11	7,613.95
Meters	3,643.03	86,619.88	3,478.38	7,443.90	5,506.16
Street light equipment, regular	350.05	14,213.17	758.52	1,368.30	1,550.38
Street light equipment, ornamental		41,105.28			
Miscellaneous construction expense	265.83	11,648.88	140.04	1,281.48	421.67
Steam or hydraulic plant					
Old plant				2,477.92	
Total plant	19,042.04	665,193.54	16,599.64	37,134.85	31,968.82
Bank and cash balance	509.47	18,496.42	336.41	10.00	170.06
Securities and investments	700.00	238,634.52	6,000.00	12,000.00	6,000.00
Accounts receivable	779.32	2,986.50	3.00	23.11	96.61
Inventories		19,527.20			235.90
Sinking fund on local debentures					
Equity in H-E.P.C. systems	6,860.21	478,199.43	22,058.52	15,435.49	34,450.28
Other assets		0.38	0.46		
Total assets	27,891.04	1,4 3,037.99	44,998.03	64,603.45	72,921.67
LIABILITIES					
Debenture balance				1,394.06	
Accounts payable	2,004.53	1,121.80		53.42	406.13
Bank overdraft				888.96	
Other liabilities	600.00	53,962.84		46.25	107.10
Total liabilities	2,604.53	55,084.64		2,382.69	513.23
RESERVES					
For equity in H-E.P.C. systems	6,860.21	478,199.43	22,058.52	15,435.49	34,450.28
For depreciation	4,287.15	234,328.36	5,083.35	12,052.22	9,309.10
Other reserves	125.00	3,646.45			65.12
Total reserves	11,272.36	716,174.24	27,141.87	27,487.71	43,824.50
SURPLUS					
Debentures paid	3,500.00	275,000.00	7,500.00	15,605.94	8,000.00
Local sinking fund					
Operating surplus	10,514.15	376,779.11	10,356.16	19,127.11	20,583.94
Total surplus	14,014.15	651,779.11	17,856.16	34,733.05	28,583.94
Total liabilities, reserves and surplus	27,891.04	1,423,037.99	44,998.03	64,603.45	72,921.67
Percentage of net debt to total assets	12 4	1.5	0.0	4.8	1.3

"A"—Continued

Hydro Municipalities as at December 31, 1946

Weston 6,333	Westport 639	Wheatley 711	Whitby 4,595	Wiarton 1,682	Williamsburg P.V.	Winchester 959
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
13,373.31		52.50	13,468.70			299.85
65,655.63			34,288.16	333.57		
79,472.53	7,755.76	19,353.83	66,150.98	22,862.42	3,483.38	10,950.04
72,510.15	1,901.18	10,071.49	19,418.47	8,436.51	1,978.92	4,906.59
39,627.79	2,210.78	6,058.68	24,880.08	10,110.01	2,510.42	6,305.72
29,424.60	733.02	9.359.00	12,943.48	2,994.73	174.61	719.87
7,320.34	1,253.14	1,648.77	7,601.72	5,409.77	35.38	315.52
	1,713.00		1,340.13	1,870.35		1,100.00
307,384.35	15,566.88	46,544.27	180,091.72	52.017.36	8,182.71	24,597.59
952.22	785.14	25.00	7,201.31	6,040.70	1,840.21	4,199.63
31,500.00	5,000.00	2,500.00	57,000.00	19,000.00	23,000.00	10,500.00
2,406.78		427.25	1,252.23	1,019.85	362.49	372.68
915.75			633.78			
348,529.64	8,175.00	20.661.20	78,526.49	23,034.31	8,897.95	28,284.96
		6.90	18.47			
691,688.74	29,527.02	70,164.62	324,724.00	101,112.22	42,283.36	67,954.86
	5,360.02		2,651.68	15,232.61		
9.71		1,742.49	292.95	5,104.07		
276.75		690.49				
802.22	270.00	500.00	9,718.99	212.21	358.34	10.00
1,088.68	5,630.02	2,932.98	12,663.62	20,548.89	358.34	10.00
348,529.64	8,175.00	20,661.20	78,526.49	23,034.31	8,897.95	28,284.96
69,253.36	3,304.72	9,953.86	37,347.65	10,475.62	4,519.88	12,591.97
364.51		62.71		2,996.25	327.28	
418,147.51	11,479.72	30,677.77	115,874.14	36.506.18	13,745.11	40,876.93
70,032.44	9,639.98	13,000.00	73,960.82	22,167.39	2,750.00	10,650.00
202,420.11	2,777.30	23,553.87	122,225.42	21,889.76	25,429.91	16,417.93
272,452.55	12,417.28	36,553.87	196,186.24	44,057.15	28,179.91	27,067.93
691,688.74	29,527.02	70,164.62	324,724.00	101,112.22	42,283.36	67,954.86
0.3	26.4	5.9	5.2	26.3	1.1	0.0

STATEMENT

Balance Sheets of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Concluded

Municipality	Windermere	Windsor	Wingham	Woodbridge
Population	118	117,539	2,155	1,128
	$ c.	$ c.	$ c.	$ c.
ASSETS				
Lands and buildings		492,772.37	21,654.35	
Substation equipment		1,456,591.07	4,863.91	
Distribution system—overhead	9,954.48	1,417,295.43	44,059.35	20,283.24
Distribution system—underground		240,244.08		
Line transformers	3,923.50	624,858.70	23,046.79	8,433.19
Meters	1,328.99	615,960.40	19,922.60	7,066.23
Street light equipment, regular	247.26	109,705.70	11,227.49	624.03
Street light equipment, ornamental		1,021,495.33		
Miscellaneous construction expense	525.65	180,273.21	7,193.00	697.35
Steam or hydraulic plant			14,711.99	
Old plant		166,440.66	12,320.02	
Total plant	15,979.88	6,325,636.95	158,999.50	37,104.04
Bank and cash balance	1,296.39	42,979.74		307.25
Securities and investments	3,600.00	1,466,616.45		13,000.00
Accounts receivable	24.64	152,754.23	5,455.57	2,242.77
Inventories		238,449.86	13,681.55	
Sinking fund on local debentures		86,791.48		
Equity in H-E.P.C. systems	3,861.40	4,413,572.74	57,088.97	47,207.21
Other assets				
Total assets	24,762.31	12,726,801.45	235,225.59	99,861.27
LIABILITIES				
Debenture balance	4,466.70	235,863.80	12,729.44	
Accounts payable	137.82	133,137.39	137.06	3,560.18
Bank overdraft			2,365.03	
Other liabilities		1,144,917.37	709.15	682.38
Total liabilities	4,604.52	1,513,918.56	15,940.68	4,242.56
RESERVES				
For equity in H-E.P.C. systems	3,861.40	4,413,572.74	57,088.97	47,207.21
For depreciation	5,249.23	1,915,974.67	44,956.84	14,664.98
Other reserves		565,028.23		5,200.00
Total reserves	9,110.63	6,894,575.64	102,045.81	67,072.19
SURPLUS				
Debentures paid	7,296.60	2,347,968.25	83,376.06	8,499.97
Local sinking fund		86,791.48		
Operating surplus	3,750.56	1,883,547.52	33,863.04	20,046.55
Total surplus	11,047.16	4,318,307.25	117,239.10	28,546.52
Total liabilities, reserves and surplus	24,762.31	12,726,801.45	235,225.59	99,861.27
Percentage of net debt to total assets	22.0	5.6	8.9	8.1

"A"—Continued

Hydro Municipalities as at December 31, 1946

Woodstock 12,916	Woodville 388	Wyoming 576	York Twp. V.A.	Zurich P.V.	SOUTHERN ONTARIO SYSTEM SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
66,555.59	....	50.00	79,010.22	....	11,051,303.05
135,109.53	....	....	345,701.72	....	26,016,993.86
145,972.29	3,621.98	12,139.31	853,391.22	7,525.29	26,378,365.91
....	....	....	....	....	6,848,694.50
85,220.66	2,182.54	2,803.41	411,691.79	2,844.27	13,783,191.50
77,778.13	2,396.23	3,995.53	379,820.91	3,203.84	11,820,687.52
23,863.18	548.71	548.49	104,821.40	471.82	2,974,508.80
....	....	....	....	....	1,555,698.39
12,224.52	251.91	842.52	85,759.15	331.37	3,697,117.07
....	....	....	....	....	755,727.39
....	....	....	....	....	658,421.95
546,723.90	9,001.37	20,379.26	2,260,196.41	14,376.59	105,540,709.94
....	1,498.38	1,633.11	....	1,507.90	3,572,074.65
93,000.00	5,000.00	2,600.00	400,000.00	9,500.00	25,764,877.14
2,560.17	88.40	64.06	67,327.77	62.93	3,980,096.36
296.45	....	....	60,437.43	....	2,085,350.55
....	....	....	....	....	4,470,518.41
596,424.96	13,805.41	11,618.04	1,103,271.83	18,784.37	76,331,106.59
249.60	....	....	....	....	289,749.28
1,239,255.08	29,393.56	36,294.47	3,891,233.44	44,231.79	222,034,482.92
....	....	....	46,820.61	372.79	8,735,685.51
3,418.59	587.01	811.13	73,264.40	134.53	2,175,505.13
1,833.72	....	....	54,848.24	....	298,300.09
9,512.14	22.00	108.56	35,475.26	10.00	2,527,110.56
14,764.45	609.01	919.69	210,408.51	517.32	13,736,601.29
596,424.96	13,805.41	11,618.04	1,103,271.83	18,784.37	76,331,106.59
233,693.76	4,117.25	6,673.97	831,190.79	8,360.89	36,715,247.64
65,476.44	560.56	32.63	14,746.09	....	6,962,553.38
895,595.16	18,483.22	18,324.64	1,949,208.71	27,145.26	120,008,907.61
127,385.63	5,500.00	9,700.00	442,554.04	5,218.82	47,497,108.49
....	....	....	....	....	4,470,518.41
201,509.84	4,801.33	7,350.14	1,289,062.18	11,350.39	36,321,347.12
328,895.47	10,301.33	17,050.14	1,731,616.22	16,569.21	88,288,974.02
1,239,255.08	29,393.56	36,294.47	3,891,233.44	44,231.79	222,034,482.92
2.3	4.2	3.7	7.5	2.0	5.5

STATEMENT

Balance Sheets of Electrical Departments of

THUNDER BAY SYSTEM

Municipality	Fort William	Nipigon Twp.	Port Arthur	THUNDER BAY SYSTEM SUMMARY
Population	30,590	V.A.	25,373	
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings	106,975.18	215.03	471,137.16	578,327.37
Substation equipment	161,497.37		311,881.37	473,378.74
Distribution system—overhead	270,729.53	19,829.42	550,418.03	840,976.98
Distribution system—underground				
Line transformers	118,787.87	5,520.11	137,423.28	261,731.26
Meters	107,706.09	5,116.53	132,360.21	245,182.83
Street light equipment, regular	50,956.17	2,473.06	84,688.53	138,117.76
Street light equipment, ornamental				
Miscellaneous construction expense	20,584.91	436.00	34,438.97	55,459.88
Steam or hydraulic plant			325,003.44	325,003.44
Old plant				
Total plant	837,237.12	33,590.15	2,047,350.99	2,918,178.26
Bank and cash balance		4,150.81		4,150.81
Securities and investments	270,300.00	11,000.00	871,012.67	1,152,312.67
Accounts receivable	37,878.48	100.21	46,955.38	84,934.07
Inventories	31,159.60		25,868.20	57,027.80
Sinking fund on local debentures	138,695.75			138,695.75
Equity in H-E.P.C. systems	1,171,934.65	11,761.25	3,155,534.36	4,339,230.26
Other assets	600.00	12.32	32,759.33	33,371.65
Total assets	2,487,805.60	60,614.74	6,179,480.93	8,727,901.27
LIABILITIES				
Debenture balance	250,000.00			250,000.00
Accounts payable		49.65	51,117.42	51,167.07
Bank overdraft	5,663.71		39,094.69	44,758.40
Other liabilities	39,257.79	231.24		39,489.03
Total liabilities	294,921.50	280.89	90,212.11	385,414.50
RESERVES				
For equity in H-E.P.C. systems	1,171,934.65	11,761.25	3,155,534.36	4,339,230.26
For depreciation	231,933.30	7,141.95	824,659.34	1,063,734.59
Other reserves	65,126.27	3,500.00	157,676.40	226,302.67
Total reserves	1,468,994.22	22,403.20	4,137,870.10	5,629,267.52
SURPLUS				
Debentures paid	124,209.11	10,000.00	642,100.00	776,309.11
Local sinking fund	138,695.75			138,695.75
Operating surplus	460,985.02	27,930.65	1,309,298.72	1,798,214.39
Total surplus	723,889.88	37,930.65	1,951,398.72	2,713,219.25
Total liabilities, reserves and surplus	2,487,805.60	60,614.74	6,179,480.93	8,727,901.27
Percentage of net debt to total assets	13.2	0.6	2.9	5.8

"A"—Concluded

Hydro Municipalities as at December 31, 1946

NORTHERN ONTARIO DISTRICTS

Capreol	North Bay	Sioux Lookout	Sudbury	NORTHERN ONTARIO DISTRICTS SUMMARY	ALL SYSTEMS GRAND SUMMARY
1,680	15,968	1,897	36,299		
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
450.00	57,230.13		143,014.90	200,695.03	11,830,325.45
9,730.32	72,546.26		206,294.45	288,571.03	26,778,943.63
13,664.22	162,932.22	9,619.12	405,380.19	591,595.75	27,810,938.64
					6,848,694.50
6,889.78	55,800.35	4,467.38	135,792.68	202,950.19	14,247,872.95
6,468.00	90,254.06	6,555.99	155,957.46	259,235.51	12,325,105.86
1,126.26	31,338.72	1,794.15	121,547.77	155,806.90	3,268,433.46
					1,555,698.39
577.76	33,083.93	621.59	15,942.75	50,226.03	3,802,802.98
					1,080,730.83
					658,421.95
38,906.34	503,185.67	23,058.23	1,183,930.20	1,749,080.44	110,207,968.64
364.93		7,485.45		7,850.38	3,584,075.84
7,500.00	30,000.00		197,500.00	235,000.00	27,152,189.81
1,041.93	24,715.32	2,663.95	39,732.60	68,153.80	4,133,184.23
	16,933.48	1,199.87	32,720.10	50,853.45	2,193,231.80
					4,609,214.16
					80,670,336.85
56.50	405.82		2,500.27	2,962.59	326,083.52
47,869.70	575,240.29	34,407.50	1,456,383.17	2,113,900.66	232,876,284.85
	9,000.00		54,898.09	63,898.09	9,049,583.60
399.75	2,845.91	935.70	36,415.15	40,596.51	2,267,268.71
	10,843.44		1,515.78	12,359.22	355,417.71
415.00	33,602.17	2,733.98	32,900.78	69,651.93	2,636,251.52
814.75	56,291.52	3,669.68	125,729.80	186,505.75	14,308,521.54
					80,670,336.85
9,511.66	266,732.72	2,112.14	195,864.96	474,221.48	38,253,203.71
96.09	12,502.20	128.20	154,776.92	167,503.41	7,356,359.46
9,607.75	279,234.92	2,240.34	350,641.88	641,724.89	126,279,900.02
19,000.00	231,000.00		412,440.44	662,440.44	48,935,858.04
					4,609,214.16
18,447.20	8,713.85	28,497.48	567,571.05	623,229.58	38,742,791.09
37,447.20	239,713.85	28,497.48	980,011.49	1,285,670.02	92,287,863.29
47,869.70	575,240.29	34,407.50	1,456,383.17	2,113,900.66	232,876,284.85
1.7	9.7	10.6	8.6	8.8	5.6

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM

Municipality	Acton	Agincourt	Ailsa Craig	Alexandria	Alliston
Population	1,976	P.V.	395	1,904	1,528
Earnings	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	17,189.88	7,637.75	3,288.10	10,175.66	14,318.63
Commercial light service	7,847.63	2,001.91	1,238.82	6,803.90	9,901.58
Commercial power service	32,415.93	1,655.66	1,707.27	5,212.93	6,299.39
Municipal power	802.74	....	....	840.72	898.67
Street lighting	2,092.65	834.00	696.00	1,964.00	2,048.91
Merchandise	....	....	....	....	2.08
Miscellaneous	654.09	460.00	356.16	989.89	492.27
Total earnings	61,002.92	12,589.32	7,286.35	25,987.10	33,961.53
Expenses					
Power purchased	50,055.89	7,048.14	5,814.05	15,471.25	18,622.65
Substation operation	63.90	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	3,368.33	165.10	144.68	1,899.68	3,832.99
Line transformer maintenance	113.40	147.45	....	218.87	127.45
Meter maintenance	403.12	52.00	215.05	361.32	200.13
Consumers' premises expenses	20.44	53.27	....	....	422.89
Street lighting, operation and maintenance	434.98	103.96	60.57	368.12	275.68
Promotion of business	8.25	....	....	....	....
Billing and collecting	1,165.29	587.10	413.91	1,049.01	1,325.13
General office, salaries and expenses	1,370.13	145.25	85.59	1,235.66	674.58
Undistributed expenses	818.97	7.47	20.63	87.25	134.66
Truck operation and maintenance	559.82	....	....	261.24	....
Interest	....	9.84	....	....	269.47
Sinking fund and principal payments on debentures	....	....	....	....	2,160.50
Depreciation	1,910.00	640.00	410.00	1,280.00	1,209.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	60,292.52	8,959.58	7,164.48	22,232.40	29,255.13
Net surplus	710.40	3,629.74	121.87	3,754.70	4,706.40
Net loss	....	....	....	....	....
Number of Consumers					
Domestic service	596	177	162	461	452
Commercial light service	111	31	34	117	127
Power service	20	5	4	19	23
Total	727	213	200	597	602

"B"

Hydro Municipalities for Year Ended December 31, 1946

Almonte 2,250	Alvinston 611	Amherstburg 2,826	Ancaster Twp. V.A.	Apple Hill P.V.	Arkona 374	Arnprior 4,010
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
15,161.70	4,070.05	27,303.72	15,421.86	1,596.00	3,068.73	21,364.68
6,108.65	2,416.34	10,869.42	4,851.27	952.52	1,481.49	12,476.68
7,751.69	1,614.75	10,354.92	717.38	573.40	308.05	20,422.66
745.51	257.73	....	283.20	....	....	2,384.58
2,727.00	1,595.00	2,425.77	1,166.50	463.50	1,098.67	3,114.00
1,479.12	....	154.81	....	....	....	....
1,806.24	330.00	1,435.77	246.10	103.37	109.60	1,681.47
35,779.91	10,283.87	52,544.41	22,686.31	3,688.79	6,066.54	61,444.07
14,706.44	6,308.04	35,227.05	12,928.29	2,006.50	3,196.26	35,918.61
5,895.64	....	....	....	....	....	....
301.39	....	....	....	....	....	....
1,451.45	467.53	2,039.16	2,704.09	218.00	425.95	2,347.24
68.69	....	356.65	200.24	....	44.12	299.21
618.71	....	596.70	391.70	41.99	90.68	967.81
39.42	....	1,508.06	197.41	....	....	92.18
202.73	109.53	1,073.57	438.60	72.06	100.37	309.17
....	....	12.50	....	....	....	....
1,629.20	397.30	996.32	2,199.65	268.27	313.56	2,677.12
1,302.02	278.67	1,072.67	902.37	60.91	178.61	2,654.90
1,168.42	47.16	304.46	232.55	....	6.31	58.35
995.79	....	170.70	671.43	....	....	....
1,804.35	....	146.73	283.53	....	....	633.07
3,234.15	....	2,617.48	978.27	....	....	3,147.73
3,692.00	619.00	1,890.00	898.00	163.00	318.00	1,726.00
....	....	....	....	....	....	....
37,110.40	8,227.23	48,012.05	23,026.13	2,830.73	4,673.86	50,831.39
....	2,056.64	4,532.36	....	858.06	1,392.68	10,612.68
1,330.49	....	....	339.82	....	....	....
689	225	791	408	72	126	957
110	58	153	51	21	36	226
24	5	16	9	2	2	24
823	288	960	468	95	164	1,207

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Arthur	Athens	Aurora	Aylmer	Ayr
Population	922	714	3,004	2,475	718
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	6,065.38	4,517.93	27,581.97	18,586.36	6,678.58
Commercial light service	6,154.57	1,959.99	10,407.14	14,159.42	2,740.52
Commercial power service	1,473.10	810.41	19,432.64	8,889.22	2,466.35
Municipal power	430.92		2,037.58	830.04	
Street lighting	1,395.00	1,204.00	4,184.97	3,374.00	1,192.00
Merchandise					
Miscellaneous	277.50	254.55	360.00	1,025.73	105.00
Total earnings	15,796.47	8,746.88	64,004.30	46,864.77	13,182.45
EXPENSES					
Power purchased	8.615.28	5,746.65	43,718.13	29,331.13	8,842.03
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	1,127.73	358.14	2,075.33	3,360.61	650.64
Line transformer maintenance		15.10	235.06	167.64	11.04
Meter maintenance	172.45	18.24	689.82	37.30	38.30
Consumers' premises expenses			2,547.77	334.54	41.21
Street lighting, operation and maintenance	357.66	114.13	942.03	552.33	191.89
Promotion of business					
Billing and collecting		289.16	1,673.70	1,524.81	643.63
General office, salaries and expenses	823.48	122.47	1,218.64	1,229.02	98.14
Undistributed expenses	44.48		464.61	411.62	42.77
Truck operation and maintenance			465.94	386.43	
Interest	268.69	181.46		188.08	92.11
Sinking fund and principal payments on debentures	1,518.21	997.67		1,416.98	330.08
Depreciation	957.00	427.00	1,873.00	2,776.00	540.00
Other reserves					
Total operating costs and fixed charges	13,884.98	8,270.02	55,904.03	41,716.49	11,521.84
Net surplus	1,911.49	476.86	8,100.27	5,148.28	1,660.61
Net loss					
NUMBER OF CONSUMERS					
Domestic service	267	185	833	794	239
Commercial light service	88	43	125	160	49
Power service	7	1	18	23	7
Total	362	229	976	977	295

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Baden	Barrie	Bath	Beachville	Beamsville	Beaverton	Beeton
P.V.	10,583	323	P.V.	1,338	842	507
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
4,766.95	95,058.56	3,335.88	4,420.80	12,911.30	8,548.25	3,871.53
2,186.46	53,826.57	793.45	670.21	5,219.97	3,659.74	2,158.99
10,378.90	42,282.15	....	18,931.09	2,412.22	1,416.95	435.11
....	4,244.88	....	....	....	....	....
738.00	6,885.05	364.00	517.00	2,165.58	1,455.33	1,368.00
....	69.15	....	....	....	....	15.61
201.83	3,185.07	....	479.62	759.49	280.00	340.00
18,272.14	205,551.43	4,493.33	25,018.72	23,468.56	15,360.27	8,189.24
14,748.21	121,368.24	2,437.69	19,461.93	14,624.19	10,757.17	5,100.00
....	2,552.12	....	....	....	....	....
....	264.10	....	....	....	....	....
131.29	12,119.00	118.97	65.81	591.82	764.50	367.54
8.00	583.88	....	49.35	....	47.78	....
26.03	2,579.06	18.15	119.26	....	45.56	198.40
41.25	4,576.80	....	51.03	331.10	249.38	....
106.39	1,219.32	39.55	156.28	298.85	247.22	125.41
....	....	....	....	....	....	....
293.76	5,457.18	217.91	393.75	1,214.43	865.77	315.39
240.01	3,638.97	112.18	195.21	413.27	699.46	123.16
17.18	1,571.38	....	10.60	15.23	25.30	....
....	986.31	....	....	....	....	....
....	96.35	196.17	....	1.45	....	134.83
....	1,926.84	431.43	....	....	....	842.91
689.00	12,128.00	201.00	580.00	1,231.00	1,069.00	561.00
....	....	....	....	....	....	....
16,301.12	171,067.55	3,773.05	21,083.22	18,721.34	14,771.14	7,768.64
1,971.02	34,483.88	720.28	3,935.50	4,747.22	589.13	420.60
....	....	....	....	....	....	....
170	2,646	82	173	425	344	154
34	449	14	22	76	68	37
3	68	0	4	7	8	5
207	3,163	96	199	508	420	196

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Belle River	Belleville	Blenheim	Bloomfield	Blyth
Population	845	15,967	1,873	624	632
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	7,001.08	116,981.29	11,082.26	3,639.80	4,305.78
Commercial light service	3,764.91	69,292.45	11,449.74	2,351.05	2,347.01
Commercial power service	172.79	51,470.48	8,450.27	1,402.35	1,147.89
Municipal power	1,249.47	5,024.35	1,483.22	....	....
Street lighting	1,411.48	11,265.06	2,913.00	845.00	1,382.62
Merchandise	....	8,817.47	695.89	....	....
Miscellaneous	186.99	5,796.64	1,016.75	335.00	301.75
Total earnings	13,786.72	268,647.74	37,091.13	8,573.20	9,485.05
EXPENSES					
Power purchased	8,588.06	175,605.20	21,761.88	5,415.25	5,807.76
Substation operation	....	2,768.24	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	1,177.49	3,599.50	871.53	243.70	695.25
Line transformer maintenance	252.14	383.25	138.34	28.50	57.00
Meter maintenance	540.99	2,240.64	62.06	56.81	161.82
Consumers' premises expenses	74.58	1,908.05	307.42	....	26.75
Street lighting, operation and maintenance	430.81	2,799.33	1,272.18	106.93	127.52
Promotion of business	....	159.61	13.50	....	....
Billing and collecting	945.99	4,811.50	1,267.59	262.12	480.50
General office, salaries and expenses	604.07	6,545.28	1,803.95	140.48	147.50
Undistributed expenses	95.44	4,461.50	7.18	1.77	79.62
Truck operation and maintenance	....	1,067.15	....	....	....
Interest	....	....	....	95.25	....
Sinking fund and principal payments on debentures	....	....	....	487.98	....
Depreciation	1,243.00	12,029.00	2,904.00	434.00	445.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	13,952.57	218,378.25	30,409.63	7,272.79	8,028.72
Net surplus	....	50,269.49	6,681.50	1,300.41	1,456.33
Net loss	165.85	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	349	4,111	584	185	198
Commercial light service	58	668	156	40	56
Power service	4	122	17	7	6
Total	411	4,901	757	232	260

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

*Bobcaygeon 977	Bolton 621	Bothwell 574	Bowmanville 3,847	Bradford 1,075	Braeside 405	Brampton 6,157
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
5,247.83	5,619.72	3,171.64	36,544.41	8,617.49	1,980.83	55,799.70
3,034.29	2,277.42	2,415.66	13,118.73	6,836.63	401.82	24,656.00
431.01	3,665.12	1,163.70	55,241.94	5,142.69	5,394.13	22,749.60
....	131.62	137.49	....	426.05	....	2,804.80
500.00	1,127.61	1,225.02	3,991.51	1,404.00	408.75	6,862.85
....	....	....	4,595.50	....	....	65.35
64.90	443.55	556.19	4,654.41	285.15	....	2,025.34
9,278.03	13,265.24	8,669.70	118,146.50	22,712.01	8,185.53	114,963.64
2,395.62	8,726.85	6,410.86	77,227.71	13,085.61	4,807.56	88,435.14
1,800.00	....	....	....	....	....	....
69.01	....	....	38.42	....	....	718.13
569.73	628.94	506.65	4,611.26	1,443.56	482.70	4,130.97
....	133.50	....	152.13	244.33	....	436.10
69.93	....	119.91	1,279.64	169.01	24.57	943.69
....	72.14	5.21	1,326.12	383.02	4.42	626.46
218.77	111.80	283.87	400.13	342.61	41.43	820.17
....	....	....	152.44	....	....	15.00
388.62	388.32	331.26	3,824.20	578.74	414.61	2,455.08
229.51	354.61	356.73	3,831.97	630.32	112.67	2,293.80
....	14.16	1.76	1,741.20	263.37	....	247.52
....	....	....	....	228.22	....	489.68
955.64	....	....	....	259.62	231.90	....
1,436.22	....	....	....	1,440.05	209.58	....
1,303.00	535.00	495.00	3,564.00	919.00	133.00	4,529.00
....	....	....	....	....	....	....
9,436.05	10,965.32	8,511.25	98,149.22	19,987.46	6,462.44	106,140.74
....	2,299.92	158.45	19,997.28	2,724.55	1,723.09	8,822.90
158.02	....	....	....	....	....	....
409	207	196	1,190	301	96	1,688
76	49	61	187	79	9	293
6	13	8	28	14	2	58
491	269	265	1,405	394	107	2,039

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* 6 months' operation.

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Brantford	Brantford Twp.	Brechin	Bridgeport	Bridgen
Population	34,267	V.A.	P.V.	P.V.	P.V.
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	201,669.25	50,803.95	1,828.79	5,697.35	2,393.51
Commercial light service	107,025.89	7,532.38	945.94	1,694.88	1,971.67
Commercial power service	316,961.70	8,480.80	763.86	2,329.69	2,433.16
Municipal power	9,897.09				
Street lighting	34,342.77	5,958.16	476.00	876.00	794.88
Merchandise					
Miscellaneous	11,351.87	1,636.49	15.00	212.45	271.83
Total earnings	681,248.57	74,411.78	4,029.59	10,810.37	7,865.05
EXPENSES					
Power purchased	523,256.08	50,883.49	2,273.53	7,607.22	5,311.60
Substation operation	10,252.47	161.46			
Substation maintenance	1,501.48				
Distribution system, operation and maintenance	9,574.09	3,283.43	215.22	290.31	378.80
Line transformer maintenance	771.57	288.34		8.25	8.60
Meter maintenance	8,527.88	1,343.33		182.65	2.50
Consumers' premises expenses	14,737.67	660.21		70.38	
Street lighting, operation and maintenance	5,604.06	1,372.15	153.73	88.92	35.00
Promotion of business	114.64				
Billing and collecting	9,476.61	2,527.92		565.35	448.49
General office, salaries and expenses	12,704.03	3,250.56	407.76	32.02	192.94
Undistributed expenses	6,176.39	1,147.90		6.93	8.23
Truck operation and maintenance	2,921.82	1,990.33			
Interest		2,989.93	124.68	111.90	
Sinking fund and principal payments on debentures		2,121.66	81.40	1,091.74	
Depreciation	27,373.00	5,256.00	126.00	465.00	383.00
Other reserves					
Total operating costs and fixed charges	632,991.79	77,276.71	3,382.32	10,520.67	6,769.16
Net surplus	48,256.78		647.27	289.70	1,095.89
Net loss		2,864.93			
NUMBER OF CONSUMERS					
Domestic service	8,768	1,899	63	192	131
Commercial light service	1,393	87	24	27	41
Power service	222	9	1	4	4
Total	10,383	1,995	88	223	176

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Brighton	Brockville	Brussels	Burford	Burgessville	Burlington	Caledonia
1,726	11,077	748	P.V.	P.V.	4,347	1,435
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
14,182.39	75,372.43	5,557.63	6,078.84	1,969.90	49,590.71	7,898.15
5,383.38	32,724.88	3,250.63	2,456.79	709.44	21,907.32	6,084.06
4,563.31	88,531.48	3,478.63	1,987.92	1,172.03	19,689.40	2,632.23
....	8,718.07	....	....	....	1,057.01	....
2,028.12	8,679.75	1,296.00	701.03	312.00	2,544.44	2,109.45
....	....	....	....	....	....	....
520.00	5,991.09	474.24	240.48	115.29	'342.60	317.67
26,677.20	220,017.70	14,057.13	11,465.06	4,278.66	95,131.48	19,041.56
16,061.99	158,352.68	8,519.75	8,604.93	3,762.01	49,229.56	12,060.79
....	6,671.80	....	....	....	....	....
....	991.87	....	....	....	....	....
2,248.96	4,216.75	689.98	1,071.28	66.99	3,031.34	1,279.88
99.06	237.16	133.68	....	28.44	129.24	195.99
282.42	2,349.27	89.07	127.20	14.52	1,616.88	737.15
28.13	....	....	44.06	....	1,244.81	281.15
488.76	1,744.28	134.02	181.77	86.38	665.92	443.51
....	....	....	....	....	....	24.25
1,349.64	3,452.91	....	622.14	....	3,578.27	1,155.10
2,050.19	6,061.52	809.60	285.18	215.84	1,482.88	1,529.80
375.30	1,517.48	28.27	20.56	0.69	16.63	268.80
510.24	809.48	....	....	....	....	581.22
120.96	....	2.56	....	27.00	5,216.25	2.50
1,727.32	....	....	....	....	5,822.76	....
1,169.00	6,485.00	625.00	722.00	231.00	4,157.00	1,185.00
....	....	....	....	....	....	....
26,511.97	192,890.20	11,031.93	11,679.12	4,432.87	76,191.54	19,745.14
165.23	27,127.50	3,025.20	....	....	18,939.94	....
....	....	....	214.06	154.21	....	703.58
612	3,229	259	241	64	1,370	466
114	412	67	44	18	162	109
9	76	8	4	3	21	12
735	3,717	334	289	85	1,553	587

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Campbellville	Cannington	Cardinal	Carleton Place	Cayuga
Population	P.V.	812	1,639	4,239	619
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	1,483.70	6,466.81	10,518.01	25,888.14	4,938.40
Commercial light service	531.13	3,261.37	2,565.14	12,280.52	4,845.36
Commercial power service	379.97	2,641.26	383.19	29,521.40	4,519.07
Municipal power				1,565.86	
Street lighting	400.00	1,279.44	1,141.50	4,962.00	1,530.16
Merchandise					
Miscellaneous	151.85	219.10	210.00	2,156.52	245.04
Total earnings	2,946.65	13,867.98	14,817.84	76,374.44	16,078.03
EXPENSES					
Power purchased	2,438.50	8,887.08	10,530.42	47,870.91	8,032.39
Substation operation				111.99	
Substation maintenance					
Distribution system, operation and maintenance	79.75	533.98	904.48	4,145.95	565.08
Line transformer maintenance			53.60	378.78	118.55
Meter maintenance		162.68	60.16	765.47	492.42
Consumers' premises expenses		151.91		243.30	
Street lighting, operation and maintenance	34.00	269.31	133.26	777.14	267.20
Promotion of business				16.04	
Billing and collecting	79.00	565.84	678.75	2,034.21	727.33
General office, salaries and expenses	82.08	624.13	182.81	4,665.24	577.44
Undistributed expenses	0.62		45.87	489.45	298.50
Truck operation and maintenance				509.29	
Interest			238.13	466.06	42.06
Sinking fund and principal payments on debentures			843.08	2,439.90	
Depreciation	117.00	716.00	646.00	3,304.00	670.00
Other reserves					
Total operating costs and fixed charges	2,830.95	11,910.93	14,316.56	68,217.73	11,790.97
Net surplus	115.70	1,957.05	501.28	8,156.71	4,287.06
Net loss					
NUMBER OF CONSUMERS					
Domestic service	56	274	399	1,128	200
Commercial light service	11	71	57	195	72
Power service	1	10	3	19	9
Total	68	355	459	1,342	281

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Chatham 18,033	Chatsworth 338	Chesley 1,548	Chesterville 1,047	Chippawa 1,251	Clifford 431	Clinton 2,091
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
115,812.31	2,696.83	11,042.95	6,149.52	8,841.97	3,258.98	15,527.06
118,586.44	1,467.51	6,012.72	4,795.90	2,450.84	2,271.35	9,218.38
101,173.09	....	7,675.99	4,573.92	187.70	707.28	4,677.12
7,462.51	....	823.14	....	965.13	....	1,578.15
22,276.06	559.00	2,370.96	1,131.00	2,207.27	970.00	2,791.00
6,725.12	....	....	....	....	....	980.59
5,396.48	91.49	613.86	698.65	416.69	150.28	1,263.80
377,432.01	4,814.83	28,539.62	17,348.99	15,069.60	7,357.89	36,036.10
202,307.02	4,181.70	19,251.16	11,227.91	8,576.21	5,140.66	23,367.08
8,920.34	....	....	....	....	....	....
6,021.21	....	....	....	....	....	100.00
16,625.34	131.95	1,257.77	1,432.03	1,070.71	315.34	2,011.70
2,899.71	....	51.34	7.05	225.58	85.00	163.50
7,457.09	71.57	265.79	176.07	516.13	17.40	169.65
6,276.37	....	534.87	....	178.96	149.23	128.96
6,972.48	142.88	457.06	69.25	905.72	99.99	252.69
6,111.31	....	....	....	40.00	....	....
12,333.55	....	818.31	609.29	893.60	273.10	1,172.07
19,639.26	298.89	662.49	505.90	914.71	106.79	2,701.99
7,736.03	15.98	60.20	27.02	124.96	18.82	157.44
4,345.99	....	84.09	....	226.72	....	96.46
3,747.10	....	....	....	....	269.46	....
11,173.10	....	....	....	....	339.96	....
23,343.00	254.00	1,160.00	502.00	1,096.00	287.00	1,629.00
12,000.00	....	....	....	....	....	....
357,908.90	5,096.97	24,603.08	14,556.52	14,769.30	7,102.75	31,950.54
19,523.11	....	3,936.54	2,792.47	300.30	255.14	4,085.56
....	282.14	....	....	....	....	....
4,768	121	478	265	368	138	617
875	27	89	72	53	34	132
132	0	24	4	2	2	18
5,775	148	591	341	423	174	767

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Cobden	Cobourg	Colborne	Coldwater	Collingwood
Population	611	4,996	907	595	6,835
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	3,520.38	46,285.97	8,603.17	4,326.02	38,183.26
Commercial light service	2,836.99	26,254.06	5,529.83	1,962.78	18,284.20
Commercial power service	2,555.96	30,283.28	930.44	3,567.47	34,297.84
Municipal power	....	2,005.93	232.49	....	1,701.20
Street lighting	740.50	5,869.32	1,524.00	894.50	4,005.00
Merchandise	....	232.45	4,012.41	....	6.00
Miscellaneous	63.78	1,965.81	141.24	105.12	1,929.08
Total earnings	9,717.61	112,896.82	20,973.58	10,855.89	98,406.58
EXPENSES					
Power purchased	5,873.07	64,381.14	8,308.56	5,553.77	62,334.49
Substation operation	....	....	....	....	558.47
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	561.65	3,518.27	1,923.32	605.57	4,570.68
Line transformer maintenance	33.20	307.20	18.20	....	713.81
Meter maintenance	86.33	833.70	178.53	156.80	1,340.55
Consumers' premises expenses	....	545.64	630.68	66.56	1.20
Street lighting, operation and maintenance	183.86	1,665.41	249.75	197.68	248.48
Promotion of business	....	....	....	....	....
Billing and collecting	522.44	4,388.26	1,195.37	686.41	2,799.67
General office, salaries and expenses	105.00	4,514.46	897.02	195.53	1,298.01
Undistributed expenses	....	1,219.46	144.56	....	685.32
Truck operation and maintenance	....	441.73	263.57	....	509.17
Interest	81.84	1,286.40	343.40	....	....
Sinking fund and principal payments on debentures	819.68	5,986.75	820.51	....	....
Depreciation	243.00	6,040.00	575.00	613.00	4,136.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	8,510.07	95,128.42	15,548.47	8,075.32	79,195.85
Net surplus	1,207.54	17,768.40	5,425.11	2,780.57	19,210.73
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	179	1,511	294	167	1,713
Commercial light service	54	256	78	50	283
Power service	3	53	8	4	56
Total	236	1,820	380	221	2,052

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Comber P.V.	Cookstown P.V.	Cottam P.V.	Courtright 386	Creemore 631	Dashwood P.V.	Delaware P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,505.69	2,977.23	3,091.13	1,878.94	4,496.33	2,762.31	2,586.48
2,155.34	1,640.74	1,712.41	861.72	2,400.39	1,331.26	948.87
3,128.16	1,494.78	962.86	....	1,317.56	1,402.91	....
....	....	....	974.64	....	....	....
738.00	855.00	490.90	645.00	869.76	505.98	288.00
....	....	....	....	....	....	....
349.69	330.48	159.20	236.75	184.02	237.86	76.80
8,876.88	7,298.23	6,416.50	4,597.05	9,268.06	6,240.32	3,900.15
6,067.42	3,695.28	3,799.74	2,511.65	6,522.16	4,478.89	2,588.09
....	....	....	....	....	....	....
....	....	....	....	....	....	....
551.71	236.67	367.36	116.02	436.88	79.89	96 61
42.88	....	3.75	....	....	....	....
82.83	49.35	22.88	4.50	191.41	239.44	....
....	....	....	....	315.31	25.84	63.94
209.78	215.19	7.00	37.35	69.47	68.20	....
....	....	....	....	....	....	....
352.63	307.60	521.44	193.82	387.24	310.21	148.57
362.37	86.48	117.94	38.30	106.29	174.12	57.64
10.69	....	6.30	5.96	....	1.28	....
....	....	....	....	....	....	....
....	87.31	39.26	....	....	16.75	....
....	641.40	713.86	....	....	221.74	....
448.00	480.00	615.00	199.00	383.00	222.00	239.00
....	....	....	....	....	....	....
8,128.31	5,799.18	6,214.53	3,106.60	8,411.76	5,838.36	3,193.85
748.57	1,499.05	201.97	1,490.45	856.30	401.96	706.30
....	....	....	....	....	....	....
132	130	146	107	192	107	76
46	36	28	23	53	27	16
7	4	5	1	3	3	0
185	170	179	131	248	137	92

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Delhi	Deseronto	Dorchester	Drayton	Dresden
Population	2,063	1,271	P.V.	509	1,532
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	16,222.26	10,366.71	3,302.75	4,367.92	9,236.34
Commercial light service	14,188.62	4,581.89	1,125.74	2,751.46	8,886.63
Commercial power service	6,180.75	1,692.25	742.62	1,319.81	8,044.18
Municipal power	....	1,238.62	....	....	696.41
Street lighting	3,178.57	1,686.00	760.00	960.00	2,233.44
Merchandise	841.98	....	....	....	2,212.41
Miscellaneous	980.79	400.78	230.02	236.45	421.98
Total earnings	41,592.97	19,966.25	6,161.13	9,635.64	31,731.39
EXPENSES					
Power purchased	20,248.51	9,271.68	3,880.82	6,453.18	17,522.67
Substation operation	....	90.00	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	1,979.28	1,744.91	234.81	347.29	2,739.27
Line transformer maintenance	216.39	25.25	....	153.69	136.19
Meter maintenance	233.30	191.84	96.33	127.24	449.61
Consumers' premises expenses	361.09	....	86.34	86.79	574.87
Street lighting, operation and maintenance	333.06	292.25	88.64	403.63	1,011.94
Promotion of business	23.25	....	....	....	1.00
Billing and collecting	1,829.01	900.68	313.42	....	1,165.68
General office, salaries and expenses	1,796.27	1,343.37	89.03	613.46	1,244.20
Undistributed expenses	585.16	227.21	....	19.85	110.91
Truck operation and maintenance	292.77	602.81	....	....	772.52
Interest	2,473.89	....	....	87.85	....
Sinking fund and principal payments on debentures	3,690.47	....	....	614.25	....
Depreciation	1,974.00	664.00	318.00	542.00	1,187.00
Other reserves	1,500.00	....	....	....	....
Total operating costs and fixed charges	37,536.45	15,354.00	5,107.39	9,449.23	26,915.86
Net surplus	4,056.52	4,612.25	1,053.74	186.41	4,815.53
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	666	410	158	175	514
Commercial light service	171	63	30	66	139
Power service	10	10	2	4	16
Total	847	483	190	245	669

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Drumbo P.V.	Dublin P.V.	Dundalk 705	Dundas 5,588	Dunnville 4,342	Durham 1,976	Dutton 812
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,014.23	1,752.10	5,066.60	30,294.70	16,280.12	9,203.86	3,724.35
1,331.85	1,319.16	3,983.41	20,123.60	16,628.02	6,024.45	2,846.09
814.57	1,589.25	3,200.94	42,684.62	19,253.46	4,565.20	3,740.46
...	...	...	668.30	2,551.49	747.38	...
533.00	550.00	1,199.00	5,838.35	3,891.34	1,669.36	1,030.44
...	...	...	...	...	...	...
174.25	44.49	312.50	826.03	1,368.46	503.29	400.94
5,867.90	5,255.00	13,762.45	100,435.60	59,972.89	22,713.54	11,742.28
3,960.45	3,161.21	7,848.68	69,758.90	39,959.20	13,989.92	8,391.70
...	...	...	800.56	790.50	...	...
...	...	...	...	...	...	...
331.14	160.80	1,192.95	6,789.90	3,527.54	1,963.17	1,503.05
...	...	...	1,076.82	320.43	71.85	...
3.85	7.05	187.06	2,538.97	1,081.59	359.66	257.46
...	...	...	990.46	...	146.96	102.00
95.63	81.13	169.02	1,895.77	1,077.19	493.95	156.52
...	...	...	...	10.25	...	...
353.97	...	...	1,688.74	1,597.30	1,056.84	788.04
51.20	418.98	825.04	2,306.52	1,626.89	834.31	302.14
1.16	6.86	38.19	939.99	237.30	91.11	...
...	...	...	893.40	394.43	218.28	...
...	...	...	...	425.94	...	...
...	...	...	...	4,351.76	...	...
293.00	310.00	471.00	4,334.00	3,079.00	1,084.00	545.00
...	...	...	...	...	...	...
5,090.40	4,146.03	10,731.94	94,014.03	58,479.32	20,310.05	12,045.91
777.50	1,108.97	3,030.51	6,421.57	1,493.57	2,403.49	...
...	...	...	...	...	...	303.63
97	69	223	1,499	1,102	485	242
30	28	79	212	258	115	69
1	2	7	42	30	19	11
128	99	309	1,753	1,390	619	322

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	East York Twp. V.A.	Elmira 2,182	Elmvale P.V.	Elmwood P.V.
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	327,857.81	17,267.45	4,185.21	1,505.65
Commercial light service	33,909.86	10,754.91	2,273.38	991.33
Commercial power service	50,268.59	26,638.40	3,067.93	1,978.38
Municipal power	4,604.23	3,037.42	290.28	
Street lighting	26,681.31	2,031.00	690.86	593.00
Merchandise				
Miscellaneous	1,577.65	1,874.92	382.16	91.33
Total earnings	444,899.45	61,604.10	10,889.82	5,159.69
EXPENSES				
Power purchased	265,707.15	41,628.90	5,518.60	3,990.32
Substation operation	3,702.36			
Substation maintenance		54.00		
Distribution system, operation and maintenance	14,124.76	2,203.79	536.11	228.51
Line transformer maintenance	1,302.94			
Meter maintenance	5,962.48	121.37	123.80	17.65
Consumers' premises expenses	5,487.11	320.50	322.46	
Street lighting, operation and maintenance	4,335.34	770.75	232.80	3.55
Promotion of business				
Billing and collecting	19,566.32	1,405.59	551.55	
General office, salaries and expenses	17,162.87	1,795.50	345.22	298.58
Undistributed expenses	1,889.79	327.21		
Truck operation and maintenance		314.39		
Interest	73.25	163.90		
Sinking fund and principal payments on debentures				
Depreciation	26,052.00	2,172.00	612.00	238.00
Other reserves				
Total operating costs and fixed charges	365,366.37	51,277.90	8,242.54	4,776.61
Net surplus	79,533.08	10,326.20	2,647.28	383.08
Net loss				
NUMBER OF CONSUMERS				
Domestic service	12,928	583	205	81
Commercial light service	581	136	56	21
Power service	49	30	7	2
Total	13,558	749	268	104

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Elora 1,167	Embro 455	Erieau 223	Erie Beach 22	Essex 1,920	Etobicoke Twp. V.A.	Exeter 1,794
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
9,503.02	4,613.27	5,684.64	1,663.59	10,226.95	276,967.43	17,277.78
4,974.79	1,104.60	1,850.81	226.25	11,006.04	36,191.77	10,348.47
5,272.30	1,920.61	5,321.96		8,423.31	71,674.52	5,275.91
				1,288.07	8,190.85	767.85
1,643.68	647.00	504.00		2,592.64	16,623.92	2,833.50
23.36						1,068.48
662.45	108.17	32.20	45.00	1,169.13	2,616.53	1,903.87
22,079.60	8,393.65	13,393.61	1,934.84	34,706.14	412,265.02	39,475.86
15,029.94	5,636.64	6,971.48	1,084.47	20,669.12	283,702.26	26,394.65
					9.36	
1,620.60	208.30	133.40	63.15	2,414.42	11,385.60	1,544.46
25.20		2.04		61.00	2,961.71	205.97
138.05	180.66	5.96	5.06	191.36	1,530.60	166.90
102.16	211.69	14.35	5.40	5.00	9,653.44	247.44
405.07	198.96	110.25		207.61	1,013.82	535.02
				20.00		
1,007.50	450.27	380.04	129.52	1,903.13	17,481.68	1,365.69
498.17	129.87	655.91	210.81	2,465.67	12,372.08	2,946.89
259.02		2.49	0.39	502.11		102.51
227.24				242.14		206.20
			15.84	591.95	2,340.32	
			271.86	956.16	10,525.66	
1,030.00	448.00	751.00	142.00	1,771.00	21,229.00	1,440.00
			18.90			
20,342.95	7,464.39	9,026.92	1,947.40	32,000.67	374,205.53	35,155.73
1,736.65	929.26	4,366.69		2,705.47	38,059.49	4,320.13
			12.56			
369	137	223	85	550	7,572	576
69	32	14	3	134	395	133
6	3	4	0	21	60	17
444	172	241	88	705	8,027	726

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Fergus	Finch	Flesherton	Fonthill	Forest
Population	2,624	328	361	1,009	1,679
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	21,333.92	2,969.22	2,513.40	8,098.42	16,494.60
Commercial light service	9,270.99	2,238.00	2,197.20	2,156.75	9,294.96
Commercial power service	20,373.22	286.37	667.48	594.39	5,884.37
Municipal power	691.76	....	....	176.72	1,322.53
Street lighting	2,427.50	507.00	631.00	1,338.42	2,467.80
Merchandise	....	....	1.44	....	82.83
Miscellaneous	804.20	206.09	190.00	119.46	843.23
Total earnings	54,901.59	6,206.68	6,200.52	12,484.16	36,390.32
EXPENSES					
Power purchased	42,750.14	4,595.36	3,317.71	6,278.73	22,125.72
Substation operation	....	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	3,804.53	338.32	246.86	337.79	3,959.60
Line transformer maintenance	863.17	....	....	8.70	54.75
Meter maintenance	526.75	165.18	122.71	137.36	368.74
Consumers' premises expenses	206.75	133.52	....	122.92	417.46
Street lighting, operation and maintenance	743.29	185.47	70.51	147.00	563.14
Promotion of business	27.59	....	....	....	....
Billing and collecting	1,424.17	282.92	....	715.68	1,019.20
General office, salaries and expenses	1,496.17	85.54	494.92	550.32	1,702.64
Undistributed expenses	311.65	....	....	23.95	189.22
Truck operation and maintenance	358.20	....	....	....	137.64
Interest	89.52	67.13	....	43.63	....
Sinking fund and principal payments on debentures	873.39	543.16	....	1,586.33	....
Depreciation	2,797.00	416.00	312.00	861.00	1,434.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	56,272.32	6,812.60	4,564.71	10,813.41	31,972.11
Net surplus	....	....	1,635.81	1,670.75	4,418.21
Net loss	1,370.73	605.92	....	....	....
NUMBER OF CONSUMERS					
Domestic service	790	125	136	312	550
Commercial light service	115	43	46	21	152
Power service	15	1	2	5	21
Total	920	169	184	338	723

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Forest Hill	Galt	Georgetown	Glencoe	Goderich	Grand Valley
13,960	14,703	2,468	703	4,728	594
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
223,122.61	121,136.88	27,526.61	4,960.23	39,170.46	3,811.82
33,662.55	71,032.08	10,876.69	5,368.90	20,007.08	2,536.42
2,785.69	164,476.14	43,387.84	2,379.02	19,275.16	2,543.89
361.56	4,643.27	701.63	1,496.33	3,033.23	....
9,673.58	17,816.00	3,172.91	2,201.82	5,604.07	932.00
....	5,855.71	....	....	743.26	....
9,499.92	5,658.15	937.31	1,197.18	1,951.76	323.34
279,105.91	390,618.23	86,602.99	17,603.48	89,785.02	10,147.47
175,278.72	290,854.77	63,425.51	9,653.86	58,269.17	7,325.00
....	6,641.18	....	....	2,275.72	....
364.43	2,923.95	....	....	....	....
12,132.07	6,038.21	3,051.81	1,057.82	3,231.72	729.49
95.73	408.10	732.76	91.80	250.25	....
1,097.57	4,952.71	671.27	85.97	1,091.65	216.34
7,433.23	4,534.25	....	231.84	205.11	....
828.24	4,136.64	542.87	238.98	1,316.91	110.23
....	155.60	....	....	....	....
6,531.45	4,241.74	2,363.25	576.07	2,970.18	....
6,748.10	10,704.47	1,633.18	874.01	2,627.33	888.62
1,095.91	7,727.07	414.17	79.54	386.36	23.77
3,227.75	631.87	712.22	....	541.95	....
8,690.65	....	....	....	873.58	....
17,426.79	....	....	....	2,107.37	....
10,032.00	22,951.00	3,453.00	944.00	5,331.00	591.00
....	....	....	....	....	....
250,982.64	366,901.56	77,000.04	13,833.89	81,478.30	9,884.45
28,123.27	23,716.67	9,602.95	3,769.59	8,306.72	263.02
....	....	....	....	....	....
3,867	4,827	906	246	1,390	193
300	507	136	75	269	51
28	143	27	12	27	8
4,195	5,477	1.069	333	1.686	252

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Granton	Gravenhurst	Grimsby	Guelph
Population	P.V.	2,485	1,993	23,225
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	2,420.61	14,572.42	19,796.98	139,407.56
Commercial light service	1,217.91	12,916.89	14,582.16	66,418.86
Commercial power service	149.77	18,378.95	12,574.20	151,402.72
Municipal power	....	863.24	2,498.64	14,473.01
Street lighting	370.00	2,302.46	3,625.92	20,690.71
Merchandise	....	41.87	....	....
Miscellaneous	163.10	743.75	781.41	2,574.31
Total earnings	4,321.39	49,819.58	53,859.31	394,967.17
EXPENSES				
Power purchased	2,671.95	35,454.33	27,844.78	309,062.85
Substation operation	....	....	....	....
Substation maintenance	....	69.01	....	6,759.38
Distribution system, operation and maintenance	225.05	4,462.84	1,107.35	9,963.20
Line transformer maintenance	....	102.56	0.94	823.84
Meter maintenance	5.57	326.85	11.12	4,757.54
Consumers' premises expenses	....	,069.76	449.29	249.92
Street lighting, operation and maintenance	38.13	601.30	594.83	5,828.96
Promotion of business	....	....	....	75.31
Billing and collecting	504.28	1,260.96	2,246.59	9,605.14
General office, salaries and expenses	86.70	897.23	1,069.98	11,344.57
Undistributed expenses	.84	298.18	36.19	1,093.79
Truck operation and maintenance	....	314.44	....	....
Interest	....	....	550.27	....
Sinking fund and principal payments on debentures	....	....	....	....
Depreciation	219.00	2,142.00	2,091.00	25,490.00
Other reserves	....	....	....	....
Total operating costs and fixed charges	3,751.52	46,999.46	36,002.34	385,054.50
Net surplus	569.87	2,820.12	17,856.97	9,912.67
Net loss	....	....	....	....
NUMBER OF CONSUMERS				
Domestic service	87	663	682	5,823
Commercial light service	29	115	143	819
Power service	1	17	17	151
Total	117	795	842	6,793

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Hagersville 1,562	Hamilton 174,222	Hanover 3,133	Harriston 1,252	Harrow 1,150	Hastings 723	Havelock 936
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
8,408.20	1,011,337.92	24,532.20	9,729.77	14,673.62	5,639.15	5,654.30
7,897.50	612,125.47	10,094.22	6,852.96	7,619.72	3,114.80	2,700.09
19,163.91	2,637,544.93	25,755.13	8,062.13	5,024.62	203.12	2,411.61
...	91,084.32	278.08	398.98	...	...	...
2,230.20	129,341.78	2,182.56	1,630.50	1,471.80	1,619.82	1,569.00
...	6,161.56	23.05	120.38	99.69	...	...
1,300.30	123,243.98	2,111.99	358.44	329.74	180.00	539.62
39,000.11	4,610,839.96	64,977.23	27,153.16	29,219.19	10,756.89	12,874.62
28,952.63	*3,110,511.20	38,221.56	19,392.60	20,323.69	6,104.77	8,267.10
...	91,514.25	...	...	...	...	...
...	12,050.06	...	...	...	...	...
3,150.13	54,278.70	3,234.17	1,381.64	1,244.00	708.77	1,067.36
345.31	9,614.84	171.76	33.06	0.15	...	7.78
561.17	33,888.41	620.26	290.72	39.76	21.28	...
3.68	34,166.42	50.24	95.21	33.07	...	...
513.29	21,649.17	375.96	345.32	537.41	234.46	297.37
...	13,450.93	...	...	4.00	...	...
1,043.84	99,636.66	1,828.19	902.41	1,673.62	619.11	740.02
954.79	74,511.82	1,608.07	494.14	137.19	188.90	362.12
365.90	47,282.41	411.77	70.82	5.79	...	...
237.32	...	234.63	135.41	...	...	158.99
...	18,175.00	...	81.95	...	482.82	...
...	202,166.67	...	519.87	...	1,274.45	...
1,083.00	191,383.13	3,529.00	967.00	1,481.00	843.00	779.00
...	...	...	...	...	...	...
37,211.06	4,014,279.67	50,285.61	24,710.15	25,479.68	10,477.56	11,679.74
1,789.05	596,560.29	14,691.62	2,443.01	3,739.51	279.33	1,194.88
...	...	...	...	...	...	...
434	44,725	884	410	375	262	304
127	5,773	146	107	93	57	54
19	1,134	27	15	8	3	3
580	51,632	1,057	532	476	322	361

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* Includes 1946 adjustment.

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Hensall	Hespeler	Highgate	Holstein	Humberstone
Population	631	2,936	304	P.V.	3,287
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	5,364.38	20,593.02	2,099.21	1,032.06	12,950.85
Commercial light service	2,827.35	8,565.50	921.25	359.76	5,441.8
Commercial power service	3,602.73	60,279.03	1,569.26	572.67	6,818.01
Municipal power	....	945.40	....	....	....
Street lighting	1,008.00	3,650.00	578.04	75.00	1,568.50
Merchandise	....	....	....	....	....
Miscellaneous	397.35	2,195.82	155.67	172.50	990.33
Total earnings	13,199.81	96,228.77	5,323.43	2,211.99	27,768.97
EXPENSES					
Power purchased	9,904.84	71,186.78	3,871.75	890.61	14,867.18
Substation operation	....	417.88	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	660.88	4,150.94	....	93.41	1,516.75
Line transformer maintenance	2.40	43.10	....	....	67.50
Meter maintenance	9.35	496.27	15.57	....	405.15
Consumers' premises expenses	....	1,292.68	....	....	....
Street lighting operation and maintenance	175.88	332.33	44.49	24.00	475.29
Promotion of business	....	1.25	....	....	....
Billing and collecting	611.25	1,270.46	319.87	....	1,439.02
General office, salaries and expenses	340.10	1,402.33	139.08	254.96	685.61
Undistributed expenses	27.57	737.11	10.83	....	39.67
Truck operation and maintenance	....	598.30	....	....	144.47
Interest	31.00	434.26	....	....	....
Sinking fund and principal payments on debentures	652.05	1,571.80	....	....	....
Depreciation	635.00	3,914.00	354.00	118.00	1,672.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	13,050.32	87,849.49	4,755.59	1,380.98	21,312.64
Net surplus	149.49	8,379.28	567.84	831.01	6,456.33
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	229	865	111	67	801
Commercial light service	58	97	32	14	89
Power service	17	33	6	2	14
Total	304	995	149	83	904

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Huntsville	Ingersoll	Iroquois	Jarvis	Kemptville	Kincardine
2,750	5,826	910	557	1,200	2,337
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
18,928.90	38,254.62	8,584.40	3,086.72	9,992.77	16,965.75
15,057.59	20,861.25	3,896.81	2,318.35	7,056.91	9,719.00
14,429.81	45,340.04	843.24	3,821.12	4,544.98	13,579.90
1,472.45	2,265.06	1,049.90			1,387.55
2,774.00	4,863.74	1,044.32	858.00	1,786.00	4,545.00
	295.34			584.93	314.75
683.51	1,363.32	166.54	379.49	676.01	871.39
53,346.26	113,243.37	15,585.21	10,463.68	24,641.60	47,383.34
37,210.09	86,776.10	8,188.23	6,728.00	15,066.91	27,678.42
	1,406.59				432.26
62.98					
2,116.83	4,780.03	1,446.36	83.43	2,037.69	1,317.09
46.76	403.02	66.00	13.73	129.60	58.59
489.11	2,186.60	295.57	68.70	191.93	174.00
29.90	1,395.17			662.72	196.14
909.53	1,244.71	295.60	107.19	293.89	809.15
1,409.78	2,911.59	862.44	755.96	1,207.84	1,388.27
1,971.08	4,598.55	934.82	71.11	650.60	1,105.16
562.56	1,479.00	131.14	7.27	101.65	264.88
268.25	1,528.51	387.26		437.56	335.17
1,243.00	5,675.00	530.00	423.00	932.00	2,204.00
46,319.87	114,384.87	13,137.42	8,258.39	21,712.39	35,963.13
7,026.39		2,447.79	2,205.29	2,929.21	11,420.21
	1,141.50				
766	1,609	322	164	409	772
141	244	66	42	84	136
16	50	5	4	5	20
923	1,903	393	210	498	928

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Kingston	Kingsville	Kirkfield	Kitchener
Population	36,697	2,380	P.V.	36,165
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	230,238.63	16,717.61	1,038.37	268,870.93
Commercial light service	144,840.12	12,038.42	1,312.46	157,999.84
Commercial power service	160,127.46	5,193.96		439,105.62
Municipal power	16,023.63	1,010.65		37,483.68
Street lighting	22,778.79	2,786.48	432.00	34,613.20
Merchandise				
Miscellaneous	12,898.52	1,562.50	84.50	9,437.99
Total earnings	586,907.15	39,309.62	2,867.33	947,511.26
EXPENSES				
Power purchased	373,479.39	22,577.91	1,005.70	661,187.07
Substation operation	7,855.80			11,228.80
Substation maintenance	1,899.34			7,126.12
Distribution system, operation and maintenance	14,028.07	2,867.49	131.83	24,596.13
Line transformer maintenance	2,856.70	166.28		1,479.49
Meter maintenance	7,152.85	767.96		10,252.35
Consumers' premises expenses	2,388.71	55.31		2,915.63
Street lighting, operation and maintenance	6,237.65	1,024.39	84.87	9,423.66
Promotion of business	984.23	31.71		12.03
Billing and collecting	10,526.69	2,374.10		17,313.22
General office, salaries and expenses	21,370.86	1,691.77	242.85	19,435.29
Undistributed expenses	11,071.09	696.09		914.22
Truck operation and maintenance	5,690.55	223.24		
Interest	707.46	1,021.54		3,423.48
Sinking fund and principal payments on debentures	3,233.00	1,440.53		22,800.00
Depreciation	26,145.00	1,895.00	214.00	35,499.00
Other reserves	5,907.97			
Total operating costs and fixed charges	501,535.36	36,833.32	1,679.25	827,606.49
Net surplus	85,371.79	2,476.30	1,188.08	119,904.77
Net loss				
NUMBER OF CONSUMERS				
Domestic service	8,366	668	43	9,168
Commercial light service	1,089	172	18	1,136
Power service	194	25	0	293
Total	9,649	865	61	10,597

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Lakefield 1,372	Lambeth P.V.	Lanark 734	Lancaster 526	La Salle 1,100	Leamington 5,456	Lindsay 7,740
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
9,111.90	4,154.90	3,876.14	2,159.40	11,868.95	31,556.97	56,996.02
5,897.24	1,210.02	3,059.01	1,240.17	2,094.07	23,122.27	36,055.84
7,618.35	385.91	988.43	....	805.10	29,652.15	37,184.21
....	422.86	....	....	....	2,211.51	2,801.67
1,800.00	763.00	611.00	512.00	804.00	7,228.84	6,576.41
....	....	....	....	....	....	....
714.02	107.28	....	46.11	263.84	1,588.30	2,610.34
25,141.51	7,043.97	8,534.58	3,957.68	15,835.96	95,360.04	142,224.49
12,619.12	5,400.35	5,149.65	2,351.18	10,580.37	66,412.82	94,018.65
....	....	....	....	....	523.86	....
....	....	....	....	....	....	....
1,002.43	187.52	373.20	158.41	758.01	1,958.24	2,660.57
....	....	....	....	33.14	490.33	1,014.95
125.26	85.25	82.57	148.02	54.43	921.27	1,441.99
....	....	....	....	97.38	1.74	556.67
275.83	83.77	89.25	44.42	89.39	1,575.42	1,442.24
....	....	....	....	1.96	54.79	....
685.61	348.20	382.19	269.18	855.20	3,033.47	5,131.35
899.62	83.71	144.85	130.72	370.79	4,791.20	7,730.96
84.34	....	....	....	48.11	848.30	2,557.89
422.60	....	....	....	....	797.48	1,181.02
692.95	....	....	....	....	....	1,204.98
1,872.41	....	....	....	....	....	9,011.16
1,038.00	388.00	436.00	420.00	897.00	5,711.00	7,069.00
....	....	....	....	....	....	....
19,718.17	6,576.80	6,657.71	3,521.93	13,785.78	87,119.92	135,021.43
5,423.34	467.17	1,876.87	435.75	2,050.18	8,240.12	7,203.06
....	....	....	....	....	....	....
407	151	193	120	302	1,782	2,338
79	27	43	31	17	311	378
12	5	2	0	3	39	73
498	183	238	151	322	2,132	2,789

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Listowel 3,209	London 79,562	London Twp. V.A.	Long Branch 5,186	Lucan 570
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	20,548.12	630,502.72	18,533.40	41,055.73	5,576.55
Commercial light service	14,010.51	255,230.07	2,500.79	8,318.65	3,042.57
Commercial power service	19,443.49	488,322.91	1,871.23	18,069.67	1,277.65
Municipal power	1,087.85	93,768.87		2,091.27	
Street lighting	4,794.96	56,031.02	1,299.50	5,286.45	1,408.02
Merchandise	82.71	7,271.03			
Miscellaneous	1,022.01	58,366.89	171.30	1,684.52	308.34
Total earnings	60,989.65	1,589,493.51	24,376.22	76,506.29	11,613.13
EXPENSES					
Power purchased	46,621.28	1,046,388.44	16,409.09	43,923.13	7,298.09
Substation operation		45,971.19			
Substation maintenance	764.35				
Distribution system, operation and maintenance	2,687.99	20,296.30	696.51	2,330.01	559.03
Line transformer maintenance	113.98	6,884.30		446.37	
Meter maintenance	730.00	28,708.97	82.72	174.95	535.91
Consumers' premises expenses	261.85	38,744.45	583.13	62.55	417.96
Street lighting operation and maintenance	734.04	12,030.77	144.33	701.19	228.89
Promotion of business		141.51			
Billing and collecting	1,374.14	28,871.60	1,786.53	4,434.76	493.29
General office, salaries and expenses	1,467.29	55,798.71	503.48	3,133.53	420.44
Undistributed expenses	155.10	46,504.28		14.01	73.30
Truck operation and maintenance	336.33	1,419.37			
Interest		151.20	50.30	63.91	
Sinking fund and principal payments on debentures		1,475.09	400.31	1,278.18	
Depreciation	2,892.00	91,289.21	893.00	3,676.00	609.00
Other reserves		100,154.83			
Total operating costs and fixed charges	58,138.35	1,524,830.22	21,549.40	60,238.59	10,635.91
Net surplus	2,851.30	64,663.29	2,826.82	16,267.70	977.22
Net loss					
NUMBER OF CONSUMERS					
Domestic service	851	21,332	519	1,725	204
Commercial light service	167	2,453	19	133	55
Power service	29	453	5	15	5
Total	1,047	24,238	543	1,873	264

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Lucknow 928	Lydnen P.V.	Madoc 1,090	Markdale 722	Markham 1,173	Marmora 965	Martintown P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
6,332.59	3,200.37	6,629.79	4,186.10	10,854.51	5,381.35	1,127.35
3,718.98	769.77	4,691.79	3,480.59	5,114.44	2,801.62	1,261.53
13,767.19	799.99	2,397.11	1,917.94	3,625.45	401.07	51.02
390.76	.....	.....	170.91	348.50	.....	.....
1,316.15	480.00	1,704.00	959.00	1,486.50	1,298.00	176.00
.....	.....	.....	1.05	.....	204.67	.....
293.80	147.50	377.80	437.03	505.25	206.72	105.15
25,819.47	5,397.63	15,800.49	11,152.62	21,934.65	10,293.43	2,721.05
17,502.91	3,611.29	9,983.89	6,294.92	12,200.52	4,973.48	1,858.71
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
1,296.59	120.26	988.23	429.05	1,129.40	1,053.21	117.80
.....	.....	.....	.....	27.75	.....	.....
230.69	173.52	506.79	326.61	172.87	359.84	74.90
.....	50.85	.....	410.07	3.54	.....	.....
93.60	74.43	392.91	386.12	162.42	338.20	37.50
.....	.....	.....	.....	.....	.....	.....
.....	.....	695.43	.....	882.77	844.35	278.75
1,688.72	515.52	495.21	841.55	219.56	709.92	77.14
.....	.....	10.08	15.00	78.55	48.65	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
1,128.00	260.00	647.00	598.00	1,244.00	458.00	137.00
.....	.....	.....	.....	.....	.....	.....
21,940.51	4,805.87	13,719.54	9,301.32	16,121.38	8,785.65	2,581.80
3,878.96	591.76	2,080.95	1,851.30	5,813.27	1,507.78	139.25
.....	.....	.....	.....	.....	.....	.....
330	105	334	256	368	269	64
95	15	95	74	67	41	24
10	2	6	8	9	1	1
435	122	435	338	444	311	89

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Maxville	Meaford	Merlin	Merritton	Midland
Population	807	2,650	P.V.	3,407	6,863
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	3,621.48	17,533.20	2,407.03	22,075.22	42,988.34
Commercial light service	2,532.65	11,495.53	2,204.23	5,319.11	21,534.86
Commercial power service	....	12,962.53	1,378.40	199,560.58	74,487.22
Municipal power	....	955.46	....	1,854.24	2,592.11
Street lighting	1,044.00	3,462.63	780.11	3,606.75	6,376.00
Merchandise	....	....	16.36	....	2,272.58
Miscellaneous	270.21	900.09	515.98	2,818.13	2,715.81
Total earnings	7,468.34	47,309.44	7,302.11	235,234.03	152, 66.92
EXPENSES					
Power purchased	5,236.88	26,097.87	3,958.12	192,304.11	90,351.61
Substation operation	....	....	....	672.25	2,982.76
Substation maintenance	....	....	....	....	977.27
Distribution system, operation and maintenance	633.28	4,679.03	614.06	4,287.37	3,716.73
Line transformer maintenance	47.40	123.61	19.50	352.58	243.27
Meter maintenance	296.41	219.85	5.86	1,025.72	1,837.50
Consumers' premises expenses	4.90	242.56	351.37	2.78	1,409.04
Street lighting operation and maintenance	279.43	519.26	129.54	1,132.90	1,130.12
Promotion of business	....	....	5.30	2.50	....
Billing and collecting	348.51	1,046.57	691.39	2,849.53	2.029.05
General office, salaries and expenses	104.16	1,045.82	468.72	2,399.31	1,943.67
Undistributed expenses	8.28	440.81	1.53	357.40	1,203.26
Truck operation and maintenance	....	498.29	....	1,520.05	273.51
Interest	....	....	....	....	....
Sinking fund and principal payments on debentures	....	....	....	....	....
Depreciation	442.00	2,267.00	368.00	5,358.00	9,932.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	7,401.25	37,180.67	6,613.39	212,264.50	118,029.79
Net surplus	67.09	10,128.77	688.72	22,969.53	34,937.13
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	182	820	132	1,001	1,773
Commercial light service	46	170	55	68	225
Power service	0	22	3	20	59
Total	228	1,012	190	1,089	2,057

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Mildmay 767	Millbrook 679	Milton 1,893	Milverton 961	Mimico 8,353	Mitchell 1,560	Moorefield P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
5,021.29	5,244.95	16,152.85	6,805.28	74,878.06	16,038.92	1,664.15
3,300.23	2,176.86	8,688.80	4,895.35	14,638.87	8,506.00	1,538.64
1,739.01	1,821.86	29,306.54	5,944.08	11,226.79	7,147.37	1,841.96
74.90	....	....	522.47	7,268.57	1,127.76	....
672.00	787.08	2,329.35	1,053.00	8,490.47	2,746.63	350.00
12.50	....	309.66	....	....	4,876.67	....
334.50	147.24	1,591.95	195.00	3,897.09	1,564.00	76.08
11,154.43	10,177.99	58,379.15	19,415.18	120,399.85	42,007.35	5,470.83
6,105.37	4,368.90	42,741.00	14,717.87	78,475.51	23,235.77	4,558.31
....	....	8.35	....	....	....	....
....	....	1.80	....	360.84	634.40	....
785.37	629.83	2,934.20	841.33	9,324.15	1,480.19	104.79
....	116.78	193.20	....	77.80	79.21	120.26
3.20	198.91	660.91	3.59	1,211.45	146.95	15.00
60.35	....	141.16	183.37	2,499.37	374.15	....
95.23	214.50	390.98	154.81	1,565.86	260.99	90.48
....	....	6.50	....	....	....	....
....	615.75	976.47	810.31	4,358.68	1,268.16	....
490.19	645.26	1,091.64	457.35	3,970.31	1,405.47	245.80
....	....	259.62	21.55	482.75	1,042.09	5.79
....	....	719.16	....	799.00	609.34	....
281.26	....	....	....	....	....	1.00
....	....	....	....	....	....	....
436.00	278.00	1,929.00	630.00	5,297.00	2,622.00	203.00
....	....	....	....	....	....	....
8,256.97	7,067. 3	52,053.99	17,820.18	108,422.72	33,158.72	5,344.43
2,897.46	3,110.06	6,325.16	1,595.00	11,977.13	8,848.63	126.40
....	....	....	....	....	....	....
196	195	583	273	2,418	545	72
61	65	111	82	173	146	29
5	5	18	11	29	28	2
262	265	712	366	2,620	719	103

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Morrisburg 1,436	Mount Brydges P.V.	Mount Forest 1,787	Napanee 3,362	Neustadt 418
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	12,373.12	3,007.92	11,891.11	30,764.92	2,473.85
Commercial light service	7,667.35	1,168.08	10,053.30	22,832.29	1,276.62
Commercial power service	3,901.15	909.06	6,086.39	13,838.97	673.81
Municipal power	744.90	....	1,003.31	398.36	....
Street lighting	2,184.00	807.00	2,275.92	4,077.00	663.00
Merchandise	....	....	....	506.92	....
Miscellaneous	347.16	463.71	470.05	1,859.35	500.50
Total earnings	27,217.68	6,355.77	31,780.08	74,277.81	5,587.78
EXPENSES					
Power purchased	11,429.16	4,070.98	23,644.29	41,289.14	1,408.09
Substation operation	2,079.74	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	1,863.37	120.25	1,153.15	3,284.30	172.35
Line transformer maintenance	158.82	....	....	243.83	....
Meter maintenance	355.50	20.52	146.25	1,169.26	128.10
Consumers' premises expenses	....	92.38	....	1,385.92	....
Street lighting operation and maintenance	331.95	15.54	456.83	1,072.19	97.56
Promotion of business	....	....	....	....	....
Billing and collecting	1,543.31	245.61	771.52	2,599.93	....
General office, salaries and expenses	449.54	66.45	249.95	8,692.16	501.65
Undistributed expenses	45.77	6.30	92.09	3,984.61	....
Truck operation and maintenance	345.41	....	169.64	1,838.31	....
Interest	158.06	....	32.22	....	....
Sinking fund and principal payments on debentures	998.70	....	586.98	....	....
Depreciation	900.00	335.00	1,315.00	3,028.00	560.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	20,659.33	4,973.03	28,617.92	68,587.65	2,867.75
Net surplus	6,558.35	1,382.74	3,162.16	5,690.16	2,720.03
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	431	177	523	941	130
Commercial light service	112	40	145	223	27
Power service	19	5	20	28	3
Total	562	222	688	1,192	160

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Newbury 207	Newcastle 675	New Hamburg 1,456	Newmarket 3,990	New Toronto 7,182	Niagara Falls 19,138
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,649.54	6,155.47	11,450.99	37,323.08	52,408.89	129,944.68
685.86	1,888.64	5,749.07	23,764.54	22,332.73	85,390.55
253.07	3,972.63	8,621.82	18,130.00	173,529.95	105,809.29
.....	.....	.....	2,481.92	12,072.67	14,771.51
720.00	892.00	2,221.00	5,455.29	8,160.48	25,478.54
.....	.....	324.46	15.08	.....	.....
198.21	270.00	694.00	.....	5,484.01	6,316.46
3,506.68	13,178.74	29,061.34	87,169.91	273,988.73	367,711.03
1,975.54	8,037.95	19,746.13	61,511.50	228,874.86	216,586.07
.....	.....	411.49	.....	.....	19,354.38
.....	.....	.....	379.86	.....	.....
96.89	975.76	1,771.42	4,328.99	7,317.50	18,425.01
.....	83.34	245.99	390.67	272.10	1,552.12
0.61	104.30	334.78	533.52	1,521.95	8,939.56
.....	53.70	148.18	135.07	125.92	2,123.76
169.72	62.01	392.28	1,566.57	1,515.42	4,639.55
.....	.....	.....	.....	.....	.....
170.30	656.38	939.31	2,076.09	4,699.61	11,300.29
58.18	340.54	1,191.44	2,016.63	9,043.19	20,137.27
5.65	142.61	328.93	402.86	1,783.28	8,827.93
.....	466.80	217.96	472.32	665.43	3,059.32
.....	.....	7.36	186.00	.....	1,570.26
.....	.....	.....	1,000.00	.....	10,064.92
294.00	602.00	1,200.00	2,419.00	5,502.00	21,489.00
.....	.....	.....	.....	.....	.....
2,770.89	11,525.39	26,935.27	77,419.08	261,321.26	348,069.44
735.79	1,653.35	2,126.07	9,750.83	12,667.47	19,641.59
.....	.....	.....	.....	.....	.....
80	239	396	1,110	2,136	5,222
19	36	122	204	318	801
1	7	12	34	40	125
100	282	530	1,348	2,494	6,148

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Niagara-on-the-Lake 1,802	North York Twp. V.A.	Norwich 1,249	Norwood 685	Oil Springs 396
Earnings	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	21,831.50	258,190.19	11,407.40	6,231.10	2,485.13
Commercial light service	7,981.51	35,494.78	5,753.66	3,711.89	1,679.45
Commercial power service	4,969.45	67,361.50	1,728.34	3,154.90	5,480.16
Municipal power	1,003.78	25,846.92	503.35	....	....
Street lighting	3,964.21	11,928.01	2,190.83	1,584.00	646.00
Merchandise	1,316.66	....	953.70	....	31.19
Miscellaneous	305.10	4,426.78	431.24	565.24	630.85
Total earnings	41,372.21	403,248.18	22,968.52	15,247.13	10,952.78
Expenses					
Power purchased	21,282.68	288,278.92	15,210.91	7,391.30	6,028.58
Substation operation	157.92	....	....	....	....
Substation maintenance	....	870.29	....	....	....
Distribution system, operation and maintenance	1,718.82	25,818.85	3,557.68	804.60	166.34
Line transformer maintenance	164.45	2,716.89	9.95	....	10.69
Meter maintenance	581.55	5,442.32	202.55	64.27	73.14
Consumers' premises expenses	170.67	3,322.07	710.40	....	....
Street lighting operation and maintenance	871.72	2,305.89	343.83	236.88	43.90
Promotion of business	16.50	....	....	....	....
Billing and collecting	1,410.79	14,577.10	912.63	666.69	629.47
General office, salaries and expenses	1,147.16	10,623.00	1,150.67	295.00	2 1.53
Undistributed expenses	922.44	7,827.57	118.14	....	2.31
Truck operation and maintenance	384.39	9,518.16	135.04	59.41	....
Interest	700.70	6,146.81	22.05	636.21	....
Sinking fund and principal payments on debentures	2,550.95	23,241.25	....	1,796.92	....
Depreciation	3,156.00	27,444.00	753.00	945.00	770.00
Other reserves	54.94	....	....	....	....
Total operating costs and fixed charges	35,291.68	428,133.12	23,126.85	12,896.28	7,965.96
Net surplus	6,080.53	....	....	2,350.85	2,986.82
Net loss	....	24,884.94	158.33	....	....
Number of Consumers					
Domestic service	655	8,397	409	245	114
Commercial light service	102	467	93	65	39
Power service	13	87	9	6	36
Total	770	8,951	511	316	189

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Omemee 598	Orangeville 2,633	Orono P.V.	Oshawa 26,454	Ottawa 163,690	Otterville P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,960.81	20,913.44	5,518.30	261,825.64	745,655.64	3,338.82
987.36	14,922.04	2,38 .44	92,656.28	341,364.17	2,210.32
4,920.36	6,007.15	345.55	330,824.67	69,827.01	639.83
....	911.14	....	10,714.39	24,805.63	70.77
986.04	2,619.96	1,050.00	12,749.13	83,061.97	912.00
....	44.14	....	10,957.59	....	....
226.07	694.92	145.00	14,074.87	20,223.86	186.72
11,080.64	46,112.79	9,444.29	733,802.57	1,284,938.28	7,358.46
7,379.30	31,956.97	4,152.22	470,640.84	652,692.72	4,574.13
....	....	....	2,173.26	39,606.65	....
....	....	....	....	1,508.27	....
519.56	1,097.40	438.45	14,725.91	37,448.29	461.02
130.45	54.86	....	913.71	1,748.33	87.25
273.31	972.31	101.50	6,121.99	16,202.67	4.00
....	59.05	....	22,646.29	4,367.25	15.18
209.91	484.97	86.66	2,361.44	37,344.55	100.83
....	....	....	633.69	2,488.90	....
....	1,615.87	481.16	13,038.73	61,942.27	352.71
539.87	775.03	661.50	17,580.42	30,998.19	360.14
....	85.94	58.70	7,490.25	22,213.97	35.97
....	....	....	....	5,497.60	....
....	....	....	1,013.87	10,517.60	....
....	....	....	15,000.00	13,243.82	....
700.00	1,953.00	249.00	19,650.00	129,465.00	453.00
....	....	....	....	54,850.41	....
9,752.40	39,055.40	6,229.19	593,990.40	1,122,136.49	6,444.23
1,328.24	7,057.39	3,215.10	139,812.17	162,801.79	914.23
....	....	....	....	....	....
179	772	186	7,158	16,108	166
28	196	43	754	1,511	69
6	29	2	119	208	9
213	997	231	8,031	17,827	244

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Owen Sound	Paisley	Palmerston	Paris	Parkhill
Population	14,014	585	1,379	4,531	802
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	91,416.89	4,821.90	12,761.46	30,404.31	7,251.15
Commercial light service	59,774.89	3,033.81	6,218.65	12,013.44	4,462.32
Commercial power service	101,853.97	1,562 63	8,131.19	24,825.91	2,556.64
Municipal power	1,607.20		1,470.28	1,066.72	573.67
Street lighting	11,052.39	1,346.00	2,650.43	5,622.50	1,768.20
Merchandise	2,808.35		49.12		
Miscellaneous	994.41	202.19	569.96	1,907.20	267.15
Total earnings	269,508.10	10,966.53	31,851.09	75,840.08	16,879.13
EXPENSES					
Power purchased	187,114.50	6,803.05	21,709.35	50,768.92	11,534 51
Substation operation	5,841.86			743.42	
Substation maintenance					
Distribution system, operation and maintenance	4,421.28	968.22	1,300.90	2,982.72	1,322.20
Line transformer maintenance	1,339.08	26.25	272.47	309.21	
Meter maintenance	2,359.08	69.23	306.32	1,098.68	141.84
Consumers' premises expenses	125.34		278 77	151 06	134 45
Street lighting operation and maintenance	2,248.67	187.40	541 05	2,285 51	121.82
Promotion of business	166.34				
Billing and collecting	7,552.28		1,016.64	2,270.91	550.59
General office, salaries and expenses	10,358.71	816.72	825.69	1,691.45	46.41
Undistributed expenses	4,181.75	65.87	79.87	815.22	22.01
Truck operation and maintenance	1,668.15		158.22	530.13	87.50
Interest			85.17		
Sinking fund and principal payments on debentures					
Depreciation	8,445.00	480.00	2,020 00	4,742.00	737.00
Other reserves					
Total operating costs and fixed charges	235,822.04	9,416 74	28,594.45	68,389 23	14,698 33
Net surplus	33,686.06	1,549 79	3,256.64	7,450 85	2,180 80
Net loss					
NUMBER OF CONSUMERS					
Domestic service	3,887	224	405	1,230	340
Commercial light service	577	54	100	195	90
Power service	107	8	17	26	10
Total	4,571	286	522	1,451	440

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Penetanguishene 3,894	Perth 4,265	Peterborough 32,242	Petrolia 2,684	Picton 3,542	Plattsville P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
16,007.92	33,581.54	222,322.07	16,132.90	28,464.02	3,172.98
10,052.22	20,072.32	105,263.18	10,716.63	18,896.51	2,165.66
22,608.41	17,395.04	271,956.05	28,337.13	7,959.98	2,710.51
2,113.01	1,087.99	7,182.34	....	1,919.50	....
2,372.16	3,246.22	25,924.02	3,068.00	3,869.04	408.00
69.79	5,436.98	....	....	1,022.27	....
1,089.13	3,042.81	11,079.99	1,268.88	1,688.33	286.10
54,312.64	83,862.90	643,727.65	59,523.54	63,819.65	8,743.25
32,232.79	47,979.43	419,117.50	32,262.89	50,145.84	6,169.99
....	....	8,401.48	150.91	....	....
109.95	368.24	1,020.25	3.30	....	....
4,204.94	1,956.40	22,016.33	2,488.73	2,844.70	162.35
450.76	674.28	2,400.13	796.49	305.57	14.18
528.65	575.88	6,454.17	501.71	226.96	12.04
665.02	10.20	9,808.84	802.07	13.05	....
600.48	650.33	6,678.00	1,339.22	675.76	22.51
....	....	334.41	680.78	21.60	....
1,793.86	2,297.10	13,817.46	1,525.51	2,104.08	317.63
1,370.19	3,939.37	8,188.06	3,027.40	3,073.80	35.46
175.93	339.46	9,133.32	572.64	185.40	6.61
318.44	690.07	3,145.27	440.87	369.99	....
....	1, 96.63	8,519.75	....	....	....
....	3,880.11	5,682.04	....	....	....
2,795.00	3,497.00	31,404.00	2,975.00	3,210.00	254.00
....	....	300.00	....	....	....
45,246.01	68,254.50	556,421.01	47,567.52	63,176.75	6,994.77
9,066.63	15,608.40	87,306.64	11,956.02	642.90	1,748.48
....	....	....	....	....	....
855	1,159	8,125	836	1,221	128
120	202	1,063	153	240	22
19	32	192	58	37	2
994	1,393	9,380	1,047	1,498	152

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Point Edward 1,360	Port Colborne 7,187	Port Credit 2,250	Port Dalhousie 1,747	Port Dover 2,073
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	8,098.17	33,575.47	22,016.52	25,434.50	12,651.63
Commercial light service	3,907.11	23,643.66	8,500.51	,160.72	7,703.23
Commercial power service	41,560.16	17,474.64	5,223.80	7,571.46	7,052.12
Municipal power	....	6,652.41	1,006.77	....	....
Street lighting	1,844.16	9,083.82	3,007.15	1,647.00	2,926.46
Merchandise	1,712.73	....	....	....	....
Miscellaneous	961.29	3,591.49	655.07	792.25	466.65
Total earnings	58,083.62	94, 21.49	40,409.82	41,605.93	30,800.09
EXPENSES					
Power purchased	47,168.45	51,667.45	28,029.04	26,402.18	20,380.87
Substation operation	....	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	813.55	8,471.38	3,151.04	3,073.22	2,609.20
Line transformer maintenance	81.75	1,834.21	299.27	186.50	139.50
Meter maintenance	358.57	78 .07	681.56	1,209.92	762.80
Consumers' premises expenses	189.5	760.12	961.54	320.07	165.03
Street lighting operation and maintenance	381.15	4,195.56	869.85	456.95	277.79
Promotion of business	25.00	48.28	....	....	....
Billing and collecting	1,147.17	2,970.48	1,401.96	1,551.64	956.95
General office, salaries and expenses	1,438.11	2,795.76	813.48	1,803.09	1,333.41
Undistributed expenses	28.97	1,217.45	198. 5	317.39	150.30
Truck operation and maintenance	....	2,047.45	710.05	8.4.21	310.62
Interest	....	510.68	66.55	....	47.44
Sinking fund and principal payments on debentures	....	3,100.23	415.90	....	....
Depreciation	1,052.00	3,916.00	1,523.00	1,597.00	2,386.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	52,684.25	84,323.12	39,121.49	37,792.17	29,519.96
Net surplus	5,399.37	9,698.37	1,288.33	3,813.76	1,280.13
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	370	1,718	685	743	822
Commercial light service	56	246	90	72	142
Power service	11	26	14	12	19
Total	437	1,990	789	827	983

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Port Elgin	Port Hope	Port McNicoll	Port Perry	Port Rowan	Port Stanley
1,559	4,898	869	1.288	616	896
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
15,394.22	40,347.47	4,812.10	12,049.34	3,693.42	19,361.51
8,569.21	18,482.35	1,045.3	5,353. 3	3,264.97	7,043.39
3,690.06	45,217.19	....	2,841.42	....	4,261.74
796.05	1,649.84	....	410.47	....	669.90
2,481.03	4,246.30	972.50	1,835.00	910.00	2,631.03
37.80	17.09	....	....	....	....
376.56	1,985.34	4.63	325.00	241.58	715.00
31,344.93	111,945.58	6,834.59	22,814.86	8,109.97	34,682.62
19,066.22	76,561.94	3,451.64	13,241.56	5,063.20	24,493.51
....	....	....	....	....	....
....	50.73	....	....	....	....
1,116.65	2,716.10	848.38	1,787.63	309.35	2,923.67
42.01	231.99	....	....	62.82	119.00
125.86	1,537.01	350.76	210.10	3.70	272.75
344.08	2,692.32	....	....	....	439.29
320.28	1,327.44	291.89	302.63	110.06	470.85
....	....	....	....	....	....
723.31	2,682.69	762.29	877.4	379.46	968.03
268.92	4,733.52	329.79	540.83	76.05	954.93
50.88	1,603 92	114.03	....	14.12	492.26
176.47	65.20	....	....	....	286.52
729.54	....	....	95.66	106.00	....
2,640.66	....	....	1,594.37	853.53	....
1,520.00	4,135.00	405.00	844.00	373.00	1,274.00
....	....	....	....	....	....
27,124.88	99,037.86	6,556.78	19,494.18	7,351.29	32,694.81
4,220.05	12,907.72	277.81	,320.68	758.68	1,987.81
....	....	....	....	....	....
562	1,524	250	405	217	885
129	219	27	86	63	122
7	45	0	13	0	11
698	1,788	277	504	280	1,018

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Prescott	Preston	Priceville	Princeton	Queenston
Population	3.194	6,701	P.V.	P.V.	P.V.
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	27,156.63	45,025.42	731.89	3,110.13	3,247.19
Commercial light service	14,560.03	24,305.69	245.33	1,089.44	1,720.80
Commercial power service	12,103.60	59,570.66	379.91	3,148.46	....
Municipal power	1,451.34	1,057.30	....	....	....
Street lighting	4,250.20	6,580.02	34.00	468.00	566.50
Merchandise	....	....	....	....	....
Miscellaneous	364.79	1,773.04	68.93	238.80	269.83
Total earnings	59,886.59	138,312.13	1,460.06	8,054.83	5,804.32
EXPENSES					
Power purchased	35,327.20	99,846.30	419.98	6,385.73	3,544.60
Substation operation	1,688.88	4,463.15	....	....	....
Substation maintenance	....	27.00	....	....	....
Distribution system, operation and maintenance	3,617.26	3,077.86	17.84	102.50	255.08
Line transformer maintenance	289.66	369.64	....	....	0.75
Meter maintenance	518.57	1,853.97	27.35	....	4.00
Consumers' premises expenses	343.18	1,000.94	....	....	129.99
Street lighting operation and maintenance	957.33	867.78	15.00	139.09	102.84
Promotion of business	....	....	....	....	....
Billing and collecting	1,676.69	2,070.50	....	235.38	260.41
General office, salaries and expenses	3,050.10	2,993.47	143.10	61.18	233.66
Undistributed expenses	1,468.37	1,162.50	....	1.60	35.15
Truck operation and maintenance	....	1,173.03	....	....	....
Interest	....	313.13	....	....	18.86
Sinking fund and principal payments on debentures	....	1,257.44	....	....	99.54
Depreciation	2,711.00	7,605.00	202.00	210.00	328.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	51,648.24	128,081.71	825.27	7,135.48	5,012.88
Net surplus	8,238.35	10,230.42	634.79	919.35	791.44
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	837	1,763	41	105	82
Commercial light service	160	235	7	21	18
Power service	28	52	3	4	0
Total	1,025	2,050	51	130	100

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Renfrew 5,781	Richmond 450	Richmond Hill 1,458	Ridgetown 1,948	Ripley 433	Riverside 5,938	Rockwood P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
33,265.54	3,163.06	14,576.88	10,236.37	3,484.44	46,465.67	5,167.69
20,972.10	1,662.69	4,764.89	9,223.59	2,105.72	7,151.57	1,581.87
43,971.21	....	2,007.79	6,732.89	2,449.77	4,863.46	68.08
....	....	427.42	1,269.05	....	3,326.44	....
4,900.01	390.00	1,572.00	3,521.83	1,096.00	4,433.60	819.00
....	....	....	318.12	....	1,962.83	24.41
8,564.61	....	376.44	1,852.95	....	1,461.51	152.09
111,673.47	5,215.75	23,725.42	33,154.80	9,135.93	69,665.08	7,813.14
28,198.14	3,608.38	16,561.98	19,694.99	5,982.96	42,997.48	5,577.82
18,881.54	....	....	....	....	53.82	....
743.04	....	....	....	....	....	....
1,602.52	333.75	698.22	1,871.03	250.18	2,443.11	237.56
352.48	....	32.82	78.29	....	105.75	....
647.92	173.19	105.73	591.96	10.38	595.59	114.00
....	....	....	484.91	....	2,517.24	....
1,387.59	60.25	293.08	762.78	52.76	766.24	220.39
637.70	....	....	....	....	149.55	....
3,381.44	254.70	1,333.01	1,977.91	....	2,490.36	....
6,485.25	46.94	347.29	1,374.35	526.32	3,737.55	707.82
1,195.49	....	....	354.27	....	675.68	....
816.90	....	....	837.93	....	901.06	....
4,166.09	86.52	....	....	213.76	....	50.90
15,687.51	475.81	....	....	814.30	....	149.70
10,363.00	346.00	933.00	1,329.00	618.00	3,475.00	431.00
....	....	....	2,000.00	....	....	....
94,546.61	5,385.54	20,305.13	31,357.42	8,468.66	60,908.43	7,489.19
17,126.86	....	3,420.29	1,797.38	667.27	8,756.65	323.95
....	169.79	....	....	....	....	....
1,449	96	457	624	134	1,749	180
233	24	81	145	50	91	35
66	0	15	23	2	14	2
1,748	120	553	792	186	1,854	217

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Rodney	Rosseau	Russell	St. Catharines	St. Clair Beach
Population	731	134	P.V.	34,559	235
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	3,997.54	1,957.98	3,914.57	204,173.65	3,418.56
Commercial light service	2,758.60	893.99	2,068.44	118,136.91	2,124.89
Commercial power service	2,222.94	461.37		378,311.13	265.63
Municipal power					
Street lighting	1,148.60	940.02	848.00	28,574.10	144.00
Merchandise					
Miscellaneous	190.39	57.50	197.50	16,660.25	327.43
Total earnings	10,318.07	4,310.86	7,028.51	745,856.04	6,280.51
EXPENSES					
Power purchased	7,058.46	1,722.46	3,977.42	551,505.02	4,068.66
Substation operation				9,386.01	
Substation maintenance					
Distribution system, operation and maintenance	549.44	72.99	446.79	25,971.14	618.79
Line transformer maintenance				2,517.10	102.73
Meter maintenance	767.42	9.70	55.31	10,554.02	12.40
Consumers' premises expenses	10.64			2,028.80	45.70
Street lighting operation and maintenance	177.60	82.67	113.88	4,319.50	2.25
Promotion of business				393.78	110.16
Billing and collecting	591.12	337.59	436.90	19,143.34	364.56
General office, salaries and expenses	424.62	130.98	131.78	14,489.75	307.40
Undistributed expenses	21.86			8,915.14	1.23
Truck operation and maintenance				2,645.40	
Interest		422.68		875.00	
Sinking fund and principal payments on debentures		711.11		3,500.00	
Depreciation	737.00	236.00	260.00	19,022.00	363.00
Other reserves				4,000.00	
Total operating costs and fixed charges	10,338.16	3,726.18	5,422.08	679,266.00	5,996.88
Net surplus		584.68	1,606.43	66,590.04	283.63
Net loss	20.09				
NUMBER OF CONSUMERS					
Domestic service	274	63	127	9,081	115
Commercial light service	68	10	31	1,168	9
Power service	8	1	0	218	1
Total	350	74	158	10,467	125

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

St. George P.V.	St. Jacobs P.V.	St. Marys 3,643	St. Thomas 18,190	Sarnia 20,060	Scarborough Twp. V.A.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,742.49	4,570.36	35,360.70	156,661.88	138,654.93	158,574.45
2,123.66	2,465.06	14,875.41	68,282.00	74,502.88	33,253.98
3,776.78	4,859.30	22,817.37	76,678.65	68,387.35	29,777.53
....	....	2,793.41	5,291.41	4,670.85	14,908.36
524.92	430.00	4,950.00	15,219.12	20,601.08	12,862.46
....	....	136.53	....	10,594.24	....
276.69	300.00	1,093.35	5,356.83	28,233.26	5,150.86
10,444.54	12,624.72	82,026.77	327,489.89	345,644.59	254,527.64
7,081.00	9,029.07	59,123.08	213,347.53	201,244.24	159,237.83
....	....	3,149.76	10,812.80	11,537.87	699.10
....	....	....	388.83	1,085.37	....
90.70	156.83	3,366.68	10,112.69	8,679.97	9,054.98
1.25	167.45	202.45	1,208.60	1,504.70	1,913.85
61.66	52.90	789.38	3,935.16	8,812.57	3,408.54
....	4.20	829.73	17,034.55	10,970.00	1,469.00
204.68	61.78	1,222.11	2,447.51	6,504.56	2,557.09
....	....	43.20	586.50	620.80	....
496.52	814.83	1,490.09	9,619.12	12,077.12	7,384.55
248.07	105.86	2,739.99	10,968.28	18,681.97	6,767.52
10.55	19.54	1,682.63	6,411.23	8,594.59	2,481.34
....	....	423.54	....	4,485.77	2,227.31
....	....	913.15	....	....	....
....	....	1,496.96	....	....	....
287.00	332.00	4,510.00	13,637.52	27,129.00	12,475.00
....	....	....	....	357.77	....
8,481.43	10,744.46	81,982.75	300,510.32	322,286.30	209,676.11
1,963.11	1,880.26	44.02	26,979.57	23,358.29	44,851.53
....	....	....	....	....	....
177	140	1,116	4,803	5,751	6,671
42	33	192	608	683	488
3	9	38	87	94	55
222	182	1,346	5,498	6,528	7,214

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Seaforth	Shelburne	Simcoe	Smiths Falls	Smithville
Population	1,724	1,132	6,063	7,736	P.V.
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	13,762.73	6,924.46	30,826.49	58,763.72	3,835.78
Commercial light service	10,261.12	4,736.39	35,131.28	22,391.52	3,167.05
Commercial power service	17,298.54	4,089.07	32,179.19	30,971.27	5,039.89
Municipal power	764.08	286.86	2,892.67	1,060.68	....
Street lighting	2,139.00	882.00	5,855.19	7,866.00	1,266.00
Merchandise	315.37	13.45	....	....	....
Miscellaneous	448.98	573.14	4,127.83	3,709.31	425.84
Total earnings	44,989.82	17,505.37	111,012.65	124,762.50	13,734.56
EXPENSES					
Power purchased	31,293.06	11,244.55	74,308.81	78,284.71	7,870.41
Substation operation	....	....	215.38	455.42	....
Substation maintenance	79.67	....	....	1,406.23	....
Distribution system, operation and maintenance	2,689.64	160.90	7,010.37	4,943.53	1,160.08
Line transformer maintenance	808.69	158.89	792.47	228.75	59.35
Meter maintenance	548.44	843.14	3,448.51	1,271.87	798.17
Consumers' premises expenses	446.94	....	336.13	3,485.15	62.51
Street lighting operation and maintenance	574.28	79.21	1,965.79	1,885.66	341.52
Promotion of business	....	....	22.20	81.69	....
Billing and collecting	1,250.66	771.89	3,354.83	5,480.12	951.42
General office, salaries and expenses	1,649.40	203.02	3,106.35	5,615.06	252.31
Undistributed expenses	128.94	3.34	609.64	154.72	39.98
Truck operation and maintenance	958.46	....	1,386.61	961.62	200.00
Interest	294.95	....	390.20	....	186.61
Sinking fund and principal payments on debentures	574.60	....	2,028.61	....	861.36
Depreciation	1,563.00	940.00	6,610.00	5,323.00	460.00
Other reserves	....	....	2,700.00	....	....
Total operating costs and fixed charges	42,860.73	14,404.94	108,285.90	109,577.53	13,243.72
Net surplus	2,129.09	3,100.43	2,726.75	15,184.97	490.84
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	611	333	1,724	2,123	193
Commercial light service	121	79	353	301	55
Power service	22	15	52	41	7
Total	754	427	2,129	2,465	255

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Southampton 1,598	Springfield 409	Stamford Twp. V.A.	Stayner 1,028	Stirling 1,006	Stouffville 1,340
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
12,852.67	2,548.39	82,353.17	7,281.14	7,857.15	8,858 07
6,662.05	848.10	17,543.61	4,795 61	4,244 70	5,340 05
8,465.60	1,638.63	20,475.62	2,775.69	1,546 46	2,602 16
885.14	....	2,695.50	119.02	232.08	....
2,562.19	611.50	8,648.25	1,512 00	1,747.08	1,430 00
....	....	3,702.24	....	384.05	....
248.84	189.36	2,097.92	334.73	547 27	560 65
31,676.49	5,835.98	137,516.31	16,818 19	16,558 79	18,790 93
18,586.37	3,515.10	66,273.09	9,835 64	9,116 69	14,673 34
....	....	812.96	....	260 00	....
....	....	....	....	....	....
1,811.82	147.14	11,866.72	1,719 88	1,222 35	1,189.71
16.05	....	532.51	....	....	239.30
211.96	....	2,891.57	549.27	85 93	315.50
386.35	....	5,297.60	38 62	7 85	220 61
313.75	76.87	1,253.24	255.91	362 94	172.34
....	....	19.50	....	....	....
1,165.78	368.00	4,549.09	832.61	652 86	989.31
776.75	191.34	5,867.84	478.97	1,529.73	579.20
88.50	6.90	2,792.59	13.85	101.40	59.58
346.26	....	3,191.02	....	434.80	....
212.67	40.17	1,745.28	....	....	....
2,074.78	338.30	9,488.67	....	....	....
1,634.00	507.00	11,829.00	888.00	1,214.00	873.00
....	....	....	....	....	....
27,625.04	5,190.82	128,410.68	14,612.75	14,988.55	19,311.89
4,051.45	645.16	9,105.63	2,205.44	1,570.24	....
....	....	....	....	....	520.96
622	133	2,731	332	293	437
97	23	173	116	91	92
12	4	23	17	12	8
731	160	2,927	465	396	537

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Stratford	Strathroy	Streetsville	Sunderland	Sutton
Population	17,092	3,001	707	P.V.	981
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	162,788.53	29,049.06	6,894.49	3,588.96	10,353.16
Commercial light service	69,049.02	15,400.94	2,742.49	1,792.59	4,708.80
Commercial power service	58,424.97	16,675.99	3,018.31	510.95	2,060.50
Municipal power	10,250.07	1,879.18	....	....	....
Street lighting	17,098.18	4,465.87	1,622.00	645.60	2,053.66
Merchandise	5,924.34	....	....	....	....
Miscellaneous	12,857.98	1,080.00	679.13	104.02	300.69
Total earnings	336,393.09	68,551.04	14,956.42	6,642.12	19,476.81
EXPENSES					
Power purchased	207,576.50	43,878.27	6,858.48	4,374.67	15,358.41
Substation operation	7,079.88	949.33	900.81	....	....
Substation maintenance	3,071.77	....	....	....	....
Distribution system, operation and maintenance	13,664.62	2,439.72	2,352.50	257.20	627.46
Line transformer maintenance	557.13	456.14	87.86	....	....
Meter maintenance	4,023.34	1,023.57	150.55	94.56	42.00
Consumers' premises expenses	3,279.07	1,974.21	....	24.30	66.99
Street lighting operation and maintenance	3,086.16	1,474.68	255.45	192.15	348.02
Promotion of business	1,501.06	18.00	....	....	....
Billing and collecting	9,214.57	1,200.20	1,113.09	508.26	759.27
General office, salaries and expenses	11,604.73	3,162.36	220.53	286.94	313.98
Undistributed expenses	4,218.18	997.57	87.20	....	61.73
Truck operation and maintenance	1,247.92	642.51	....	....	237.52
Interest	....	502.37	....	....	....
Sinking fund and principal payments on debentures	3,550.00	2,828.03	....	....	....
Depreciation	20,080.00	3,083.00	1,246.00	307.00	843.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	293,754.93	64,629.96	13,272.47	6,045.08	18,658.38
Net surplus	42,638.16	3,921.08	1,683.95	597.04	818.43
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	4,646	864	217	158	484
Commercial light service	636	203	52	42	86
Power service	133	34	6	2	5
Total	5,415	1,101	275	202	575

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Swansea	Tara	Tavistock	Tecumseh	Teeswater	Thamesford	Thamesville
7,142	472	1,082	2,794	854	P.V.	734
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
70,950.47	3,312.20	9,435.81	16,650.24	4,940.92	5,264.18	4,314.24
10,261.80	1,817.89	4,988.77	5,736.28	3,320.35	1,806.69	3,303.73
23,275.91	1,682.14	9,223.53	1,608.14	1,415.29	2,572.90	2,124.35
2,118.26	....	426.56	374.64	180.00	....	175.89
5,727.00	821.12	1,317.60	1,663.20	1,014.00	640.75	1,325.00
....	....	23.58	100.15	....	....	....
2,667.03	303.61	426.33	793.99	295.85	160.25	622.39
115,000.47	7,936.96	25,842.18	26,926.64	11,166.41	10,444.77	11,865.60
84,615.56	5,798.55	20,556.31	15,199.23	7,434.98	9,386.87	8,241.11
....	....	....	....	....	....	....
....	....	....	....	....	....	....
3,200.03	474.42	879.23	2,720.75	572.53	314.10	909.58
372.35	....	62.43	123.56	....	....	7.50
1,386.32	164.84	89.06	307.47	129.87	38.40	26.20
3,233.78	....	204.84	1,453.41	236.07	118.32	....
860.48	146.08	248.30	523.69	72.49	112.97	195.97
....	....	....	45.15	....	....	....
4,163.26	....	1,226.51	1,071.30	....	355.09	387.52
2,234.18	476.94	584.24	1,809.35	860.73	139.67	364.55
1,797.44	7.13	31.76	158.29	....	8.39	8.05
468.60	....	....	259.07	....	....	....
2,145.22	....	25.60	....	....	....	....
4,039.25	....	371.72	....	....	....	....
3,988.00	560.00	840.00	1,388.00	705.00	391.00	693.00
....	....	....	....	....	....	....
112,504.47	7,627.96	25,120.00	25,059.27	10,011.67	10,864.81	10,833.48
2,496.00	309.00	722.18	1,867.37	1,154.74	....	1,032.12
....	....	....	....	....	420.04	....
2,134	172	305	765	241	156	253
99	38	98	65	63	46	73
16	6	10	4	5	6	7
2,249	216	413	834	309	208	333

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Thedford	Thornbury	Thorndale	Thornton	Thorold
Population	598	786	P.V.	P.V.	5,517
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	3,790.10	6,189.46	2,300.91	1,378.95	22,457.53
Commercial light service	2,880.10	3,426.15	757.68	496.39	9,322.73
Commercial power service	1,497.44	3,012.88	1,880.73	245.94	58,266.73
Municipal power	....	....	....	....	2,338.05
Street lighting	1,143.33	1,598.40	384.00	25.00	3,858.65
Merchandise	....	....	....	....	....
Miscellaneous	371.75	....	127.87	75.00	2,915.76
Total earnings	9,682.72	14,226.89	5,451.19	2,221.28	99,159.45
EXPENSES					
Power purchased	5,626.07	6,638.37	4,421.26	1,654.65	73,004.65
Substation operation	....	3,290.11	....	....	3,525.96
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	860.90	1,235.75	224.63	165.00	2,519.32
Line transformer maintenance	....	....	....	....	47.76
Meter maintenance	213.37	128.25	16.25	39.35	523.94
Consumers' premises expenses	....	....	86.43	....	115.55
Street lighting operation and maintenance	86.39	308.08	32.55	82.77	808.79
Promotion of business	....	....	....	....	....
Billing and collecting	378.08	795.78	207.65	....	2,245.39
General office, salaries and expenses	212.80	305.99	55.07	176.36	1,404.76
Undistributed expenses	4.57	226.03	....	....	258.14
Truck operation and maintenance	....	....	....	....	212.09
Interest	9.91	273.67	....	....	....
Sinking fund and principal payments on debentures	....	701.21	....	....	....
Depreciation	720.00	878.00	258.00	310.00	2,459.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	8,112.09	14,781.24	5,301.84	2,428.13	87,126.25
Net surplus	1,570.63	....	149.35	....	12,033.20
Net loss	....	554.35	....	206.85	....
NUMBER OF CONSUMERS					
Domestic service	200	257	86	69	1,317
Commercial light service	45	66	22	14	141
Power service	2	11	3	1	23
Total	247	334	111	84	1,481

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Tilbury 1,929	Tillsonburg 4,172	Toronto 681,802	Toronto Twp. V.A.	Tottenham 455	Trafalgar Twp. V.A.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
8,631.97	24,795.92	4,474,737.01	117,844.57	4,114.31	31,066.15
8,158.06	24,028.07	3,209,305.03	28,943.81	1,472.87	2,915.80
16,367.75	18,988.01	4,877,618.05	33,148.75	1,447.65	3,728.61
225.00	1,887.13	1,437,878.16	....	274.98	....
2,013.13	5,151.70	452,700.96	6,527.19	914.70	132.90
....	1,427.24	37,528.87	....	2.04	....
1,358.40	1,010.00	490,489.10	4,127.00	99.25	1,192.64
36,754.31	77,288.07	14,980,257.18	190,591.32	8,325.80	39,036.10
24,652.47	48,453.65	*8,201,303.18	119,356.54	5,726.97	22,275.28
....	1,358.27	248,418.72	....	....	....
....	....	355,419.84	....	....	....
1,383.62	5,285.34	404,031.59	7,381.89	896.01	4,293.20
42.20	73.34	54,792.22	999.69	....	490.49
848.58	617.04	122,026.51	1,496.55	73.00	705.14
....	64.07	298,552.46	116.57	....	842.71
376.20	838.27	133,555.13	736.85	166.52	27.92
6.62	9.50	141,455.07	....	....	....
849.11	2,502.45	486,552.62	8,998.82	413.75	1,528.51
1,253.20	4,099.86	404,092.72	13,132.82	254.37	1,060.74
229.31	210.65	483,185.23	649.98	32.37	584.44
347.02	680.24	....	3,138.27	....	963.47
....	354.49	372,767.92	621.37	55.58	255.93
....	408.58	635,901.55	1,600.65	531.03	1,013.21
1,250.00	4,766.00	1,179,906.92	9,540.00	440.00	1,576.00
....	3,000.00	†1,300,000.00	....	....	....
31,238.33	72,721.75	14,821,961.68	167,770.00	8,589.60	35,617.04
5,515.98	4,566.32	158,295.50	22,821.32	....	3,419.06
....	....	....	....	263.80	....
546	1,316	155,642	3,572	175	622
134	280	25,109	242	44	29
16	41	5,487	50	8	11
696	1,637	186,238	3,864	227	662

*Includes 1946 cost adjustment.

†Provision for renovation of street lighting system and other capital assets.

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality	Trenton	Tweed	Uxbridge	Victoria Harbour	Walkerton
Population	9,849	1,250	1,426	897	2,566
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	43,490.60	8,883.35	12,448.85	4,155.54	23,023.47
Commercial light service	23,351.94	5,850.98	5,888.43	1,128.41	15,650.86
Commercial power service	84,143.49	5,178.24	3,331.44		12,311.00
Municipal power	5,172.34	352.03	496.33	109.02	493.78
Street lighting	9,019.48	2,109.24	1,825.59	663.00	2,966.20
Merchandise		124.04			112.88
Miscellaneous	4,352.49	349.75	319.32	167.68	585.93
Total earnings	169,530.34	22,847.63	24,309.96	6,223.65	55,144.12
EXPENSES					
Power purchased	113,182.42	13,839.13	16,178.58	2,791.82	30,958.10
Substation operation					
Substation maintenance	70.72				
Distribution system, operation and maintenance	2,792.81	1,413.38	552.97	300.00	2,216.59
Line transformer maintenance	171.44	19.40			92.90
Meter maintenance	4,131.86	124.65	292.46	177.93	626.97
Consumers' premises expenses	1,213.96		1,036.20		38.89
Street lighting operation and maintenance	1,007.63	584.05	384.23	230.67	371.11
Promotion of business					
Billing and collecting	5,251.76	838.75	888.38	763.83	1,752.97
General office, salaries and expenses	6,268.74	407.04	707.17	396.88	1,679.23
Undistributed expenses	1,813.80	11.44	17.19		187.78
Truck operation and maintenance	1,348.57				488.76
Inte est					1,282.95
Sinking fund and principal payments on debentures					3,772.33
Depreciation	8,297.00	809.00	663.00	435.00	2,338.00
Other reserves					
Total operating costs and fixed charges	145,550.71	18,046.84	20,720.18	5,096.13	45,806.58
Net surplus	23,979.63	4,800.79	3,589.78	1,127.52	9,337.54
Net loss					
NUMBER OF CONSUMERS					
Domestic service	1,938	340	460	290	723
Commercial light service	291	84	100	32	138
Power service	53	16	14	1	19
Total	2,282	440	574	323	880

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Wallaceburg 5,088	Wardsville 226	Warkworth P.V.	Waterdown 966	Waterford 1,375	Waterloo 9,452	Watford 938
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
32,895.05	1,728.69	2,954.48	6,836.24	8,085.48	74,210.66	9,377.22
20,150.90	1,402.21	1,721.81	1,739.59	3,980.38	29,465.12	4,795.52
133,649.98	41.81	96.29	1,623.72	4,910.98	75,426.53	4,663.93
4,377.99	....	....	98.14	321.91	3,318.43	359.18
5,335.62	666.00	631.90	1,142.00	1,518.00	8,077.57	1,633.44
6,594.04	....	....	....	....	....	....
3,435.85	154.08	203.50	301.68	420.91	3,801.79	942.64
206,439.43	3,992.79	5,607.98	11,741.37	19,237.66	194,300.10	21,771.93
137,410.69	2,456.15	3,132.51	8,493.53	13,204.19	159,378.41	14,312.40
447.60	....	....	....	....	1,653.64	....
....	....	....	....	....	648.73	....
6,076.62	483.49	253.92	977.61	1,639.58	6,239.17	1,703.00
397.65	18.54	....	....	76.30	1,078.99	8.80
1,342.77	36.57	....	175.60	256.39	1,798.42	301.48
3.91	5 .37	....	....	....	916.97	908.82
1,098.36	82.61	20.25	161.10	191.67	1,067.96	202.83
246.30	....	....	....	....	....	....
2,636.33	136.39	215.56	674.78	597.42	4,179.59	794.71
5,224.36	80.53	51.85	181.22	315.78	3,395.20	924.69
1,500.79	5.73	1.13	42.98	108.38	444.97	123.29
1,497.03	....	....	....	314.15	432.07	405.14
....	....	326.64	4.05	....	....	....
....	....	473.00	....	....	....	....
7,930.00	229.00	225.00	662.00	854.00	9,364.00	809.00
....	....	....	....	....	....	....
165,812.41	3,581.38	4,699.86	11,372.87	17,557.86	190,598.12	20,494.16
40,627.02	411.41	908.12	368.50	1,679.80	3,701.98	1,277.77
....	....	....	....	....	....	....
1,673	71	158	273	436	2,415	317
281	20	37	34	77	281	81
58	1	1	11	15	80	8
2,012	92	196	318	528	2,776	406

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Continued

Municipality Population	Waubaushene P.V.	Welland 15,780	Wellesley P.V.	Wellington 917	West Lorne 841
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	4,268.66	56,984.90	3,042.94	7,728.71	4,615.33
Commercial light service	954.63	44,997.16	1,824.11	3,452.10	4,002.12
Commercial power service	344.66	180,888.19	1,439.15	3,984 61	8,272.13
Municipal power	165.69	3,040.08	....	....	....
Street lighting	531.20	16,995.45	724.12	1,110.98	1,069.98
Merchandise	....	....	....	....	....
Miscellaneous	20.18	11,673.72	236.13	360.00	380.31
Total earnings	6,285.02	314,579.50	7,266.45	16,636.40	18,339 87
EXPENSES					
Power purchased	4,530.64	234,104.45	4,879.22	9,256.03	13,287.90
Substation operation	....	9,266.18	....	....	....
Substation maintenance	....	662.35	....	....	....
Distribution system, operation and maintenance	174.46	6,599.54	234.76	978.01	539.44
Line transformer maintenance	....	1,424.59	9.37	84.50	....
Meter maintenance	84.75	7,700.05	86.90	296.75	850.64
Consumers' premises expenses	82.95	4,298.57	169.15	55.56	547.26
Street lighting operation and maintenance	111.06	3,257.02	143.14	79.59	333.75
Promotion of business	....	5.00	....	....	....
Billing and collecting	333.62	6,978.00	439.43	582.60	872.96
General office, salaries and expenses	175.20	9,770.50	179.17	352.84	186.73
Undistributed expenses	....	1,037.97	11.78	300.31	3.16
Truck operation and maintenance	....	1,244.73	....	382.22	....
Interest	12.43	71.67	....	136.24	....
Sinking fund and principal payments on debentures	....	....	....	633.95	....
Depreciation	538.00	13,092.00	320.00	728.00	627 00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	6,043.11	299,512.62	6,472.92	13,866.60	17,248 84
Net surplus	241 91	15,066 88	793.53	2,769.80	1,091 03
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	245	3,318	142	347	248
Commercial light service	23	488	48	75	62
Power service	3	90	7	12	9
Total	271	3,896	197	434	319

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Weston	Westport	Wheatley	Whitby	Wiarton	Williamsburg P.V.	Winchester
6,333	639	711	4,595	1,682		959
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
63,784.75	4,626.83	4,173.74	36,717.12	9,284.48	2,030.97	8,195.17
17,322.26	3,572.46	4,945.01	16,320.83	8,412.99	2,362.50	5,433.51
70,312.57	....	3,341.39	20,424.91	5,892.44	295.96	2,175.41
526.30	....	547.70	2,094.10	2,216.57	....	....
7,864.97	1,120.08	2,304.98	5,101.56	2,189.42	326.40	944.00
....	....	....	106.16	....	....	....
967.79	....	252.13	1,971.40	620.80	697.50	465.03
160,778.64	9,319.37	15,564.95	82,736.08	28,616.70	5,713.33	17,213.12
120,798.25	5,526.42	10,227.18	43,636.41	16,847.40	3,431.25	13,311.70
....	....	....	788.61	....	....	....
759.02	....	....	....	....	....	....
8,991.83	545.84	1,514.26	3,683.55	2,155.19	102.60	350.58
738.84	....	31.85	476.92	53.15	....	9.09
1,677.88	73.86	164.46	775.76	367.96	159.51	170.18
640.11	....	232.09	704.46	....	172.14	154.54
1,357.23	120.38	451.57	1,560.43	602.30	61.22	64.46
....	....	....	....	....	....	....
2,536.85	762.80	581.98	2,586.51	791.08	471.27	854.64
3,309.47	507.88	427.34	3,398.09	657.05	131.42	318.42
693.64	14.55	52.58	1,201.27	115.40	....	....
580.53	....	....	256.83	300.40	....	....
....	132.21	....	194.77	869.94	....	....
....	910.32	....	605.01	2,132.80	....	....
8,216.00	375.00	1,176.00	4,616.00	1,262.00	211.00	592.00
....	....	....	....	....	....	....
150,299.65	8,969.26	14,859.31	64,484.62	26,154.67	4,740.41	15,825.61
10,478.99	350.11	705.64	18,251.46	2,462.03	972.92	1,387.51
....	....	....	....	....	....	....
1,763	163	237	1,093	483	92	312
197	52	76	173	115	34	90
34	0	9	34	19	1	3
1,994	215	322	1,300	617	127	405

STATEMENT

Detailed Operating Reports of Electrical Departments of

SOUTHERN ONTARIO SYSTEM—Concluded

Municipality	Windermere	Windsor	Wingham	Woodbridge
Population	118	117,539	2,155	1,128
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	2,432.27	772,984.30	17,997.21	9,461.48
Commercial light service	675.43	443,865.68	12,963.64	2,583.73
Commercial power service	1,019.30	715,402.20	22,495.38	10,404.56
Municipal power		19,615.36	1,129.13	2,283.05
Street lighting	325.00	114,871.50	3,606.44	1,039.75
Merchandise		15,609.23	4,960.61	
Miscellaneous	129.83	51,413.67		434.98
Total earnings	4,581.83	2,133,761.94	63,152.41	26,207.55
EXPENSES				
Power purchased	2,486.69	1,260,249.05	31,852.07	23,181.66
Substation operation		51,644.37	2,821.56	
Substation maintenance		25,853.80		
Distribution system, operation and maintenance	172.25	68,516.46	3,092.91	254.18
Line transformer maintenance		15,900.69	71.24	39.09
Meter maintenance	58.03	39,448.62	637.96	373.09
Consumers' premises expenses		65,903.10	629.04	449.89
Street lighting, operation and maintenance	54.84	45,378.95	600.96	235.00
Promotion of business		7,212.66		
Billing and collecting		71,884.21	1,083.85	897.11
General office, salaries and expenses	270.17	54,987.05	1,266.14	218.53
Undistributed expenses	5.94	16,708.43	634.46	4.90
Truck operation and maintenance		14,968.28	927.18	
Interest	271.09	16,335.42	968.41	135.61
Sinking fund and principal payments on debentures	758.60	47,825.28	2,099.25	
Depreciation	303.00	171,308.00	2,703.00	778.00
Other reserves				
Total operating costs and fixed charges	4,380.61	1,974,124.37	49,388.03	26,567.06
Net surplus	201.22	159,637.57	13,764.38	
Net loss				359.51
NUMBER OF CONSUMERS				
Domestic service	72	27,414	609	333
Commercial light service	12	3,440	150	56
Power service	2	527	24	10
Total	86	31,381	783	399

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1946

Woodstock 12,916	Woodville 388	Wyoming 576	York Twp. V.A.	Zurich P.V.	SOUTHERN ONTARIO SYSTEM SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
97,683.67	2,669.99	3,034.03	532,565.97	4,424.47	15,966,254.64
62,087.72	1,130.17	1,962.36	85,994.08	3,721.48	8,532,634.62
95,549.06	699.00	1,492.49	156,102.61	...	15,267,037.38
5,054.50	...	...	7,032.56	...	2,072,797.54
9,134.04	746.00	688.50	45,297.78	693.00	1,880,495.82
...	...	...	...	...	176,638.11
3,869.48	179.13	107.68	13,517.17	285.32	1,158,853.35
273,378.47	5,424.29	7,285.06	840,510.17	9,124.27	45,054,711.46
208,810.05	3,884.55	4,450.97	533,217.15	6,085.22	27,833,857.47
4,345.08	...	...	4,233.00	...	699,141.02
...	...	...	1,595.03	...	440,175.83
6,169.92	336.49	239.64	16,535.80	232.49	1,338,694.79
250.10	...	...	7,955.13	...	164,477.98
6,946.74	20.00	33.36	16,940.68	190.28	495,590.99
5,330.11	...	...	27,930.81	...	687,343.32
3,304.50	160.87	91.63	8,840.07	162.59	466,146.04
2,075.89	...	...	...	...	181,333.08
6,337.13	495.81	260.27	44,549.36	372.96	1,341,081.26
5,120.29	89.41	137.36	33,415.22	205.04	1,256,238.83
2,667.74	...	5.10	2,961.41	9.72	803,094.80
2,243.78	...	...	...	...	138,601.92
...	...	...	3,383.86	39.60	508,008.40
...	...	...	18,165.06	350.39	1,203,543.95
11,904.00	208.00	393.00	44,861.00	378.00	2,718,813.68
...	...	32.63	...	...	1,486,877.45
265,505.33	5,195.13	5,643.96	764,583.58	8,026.29	41,763,020.81
7,873.14	229.16	1,641.10	75,926.59	1,097.98	3,291,690.65
...	...	...	...	...	...
3,530	124	179	22,975	164	577,808
520	24	46	1,117	42	81,231
108	2	3	225	0	14,640
4,158	150	228	24,317	206	673,679

STATEMENT

Detailed Operating Reports of Electrical Departments of

THUNDER BAY SYSTEM

Municipality	Fort William	Nipigon Twp.	Port Arthur	THUNDER BAY SYSTEM SUMMARY
Population	30,590	V.A.	25,373	
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	287,076.66	7,326.11	176,617.30	471,020.07
Commercial light service	108,262.29	5,590.55	103,913.64	217,766.48
Commercial power service	74,037.86	539.82	260,755.96	335,333.64
Municipal power	34,034.73	536.41	34,638.17	69,209.31
Street lighting	21,077.93	797.00	27,816.12	49,691.05
Merchandise	....	....	....	....
Miscellaneous	7,358.79	340.80	27,968.74	35,668.33
Total earnings	531,848.26	15,130.69	631,709.93	1,178,688.88
EXPENSES				
Power purchased	326,694.62	7,596.36	415,952.86	750,243.84
Substation operation	9,272.51	....	32,575.10	41,847.61
Substation maintenance	1,889.99	....	1,490.87	3,380.86
Distribution system, operation and maintenance	13,199.16	951.51	19,100.11	33,250.78
Line transformer maintenance	1,005.80	....	1,275.15	2,280.95
Meter maintenance	6,810.73	206.06	9,334.52	16,351.31
Consumers' premises expenses	8,119.13	....	....	8,119.13
Street lighting, operation and maintenance	8,595.41	242.00	5,401.56	14,238.97
Promotion of business	251.42	....	1,850.78	2,102.20
Billing and collecting	21,791.46	....	19,548.41	41,339.87
General office, salaries and expenses	15,671.43	1,106.47	16,010.84	32,788.74
Undistributed expenses	....	50.03	16,359.98	16,410.01
Truck operation and maintenance	....	....	1,703.27	1,703.27
Interest	13,200.65	....	....	13,200.65
Sinking fund and principal payments on debentures	5,254.84	....	....	5,254.84
Depreciation	23,890.00	909.00	33,187.00	57,986.00
Other reserves	1,000.00	....	3,000.00	4,000.00
Total operating costs and fixed charges	456,647.15	11,061.43	576,790.45	1,044,499.03
Net surplus	75,201.11	4,069.26	54,919.48	134,189.85
Net loss	....	....	....	....
NUMBER OF CONSUMERS				
Domestic service	7,855	294	6,640	14,789
Commercial light service	1,170	62	946	2,178
Power service	124	5	134	263
Total	9,149	361	7,720	17,230

"B"—Concluded

Hydro Municipalities for Year Ended December 31, 1946

NORTHERN ONTARIO DISTRICTS

Capreol 1,680	North Bay 15,968	Sioux Lookout 1,897	Sudbury 36,299	NORTHERN ONTARIO DISTRICTS SUMMARY	ALL SYSTEMS GRAND SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
11,360.30	111,503.26	21,309.35	270,861.21	415,034.12	16,852,308.83
4,005.11	64,879.24	14,410.79	145,340.92	228,636.06	8,979,037.16
4,252.29	54,079.36	2,029.37	44,422.69	104,783.71	15,707,154.73
640.97	6,503.62	....	11,928.37	19,072.96	2,161,079.81
1,385.96	11,723.64	1,941.00	29,787.21	44,837.81	1,975,024.68
....	2,614.54	....	....	2,614.54	179,252.65
241.31	6,657.32	391.99	8,628.46	15,919.08	1,210,440.76
21,885.94	257,960.98	40,082.50	510,968.86	830,898.28	47,064,298.62
14,323.03	174,362.76	26,804.80	332,405.98	547,896.57	29,131,997.88
....	3,228.88	....	9,714.14	12,943.02	753,931.65
....	....	....	720.06	720.06	444,276.75
2,011.05	8,359.44	1,660.96	20,464.06	32,495.51	1,404,441.08
....	951.99	13.76	704.93	1,670.68	168,429.61
537.88	4,221.54	255.46	11,853.29	16,868.17	528,810.47
....	473.91	....	3,837.01	4,310.92	699,773.37
798.04	2,718.16	378.79	9,163.23	13,058.22	493,443.23
....	....	....	171.51	171.51	183,606.79
1,551.02	10,874.06	3,217.57	30,182.67	45,825.32	1,428,246.45
1,261.73	9,335.05	1,580.76	18,767.19	30,944.73	1,319,972.30
161.75	4,046.24	171.00	7,292.26	11,671.25	831,176.06
364.86	2,706.49	406.12	3,675.76	7,153.23	147,458.42
....	1,175.72	....	3,203.39	4,379.11	525,588.16
....	18,500.00	....	11,809.50	30,309.50	1,239,108.29
1,067.00	18,772.00	538.00	27,695.00	48,072.00	2,824,871.68
....	....	....	12,378.25	12,378.25	1,503,255.70
22,076.36	259,726.24	35,027.22	504,038.23	820,868.05	43,628,387.89
....	....	5,055.28	6,930.63	10,030.23	3,435,910.73
190.42	1,765.26	....	....	....	....
453	3,594	586	8,816	13,449	606,046
60	681	106	1,144	1,991	85,400
2	91	3	116	212	15,115
515	4,366	695	10,076	15,652	706,561

STATEMENT "C"

Street Lighting Installations in Municipalities Served by The Hydro-Electric Power Commission of Ontario

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NOTE: These statistics were last published in the 1941 Annual Report. In subsequent years due to restrictions and economies effected by municipal co-operative action, the general standard of street lighting was lowered and publication of the statistics available would have served no useful purpose.

STATEMENT "D"

(pages 320 to 337)

Statistics relating to the Supply of Electrical Energy to Consumers
in Ontario Urban Municipalities Served by
The Hydro-Electric Power Commission
for the year 1946

STATEMENT "E"

(pages 338 to 355)

Cost of Power to Municipalities and Rates to Consumers for
Domestic Service—Commercial Light Service—Power Service
in Ontario Urban Municipalities Served by
The Hydro-Electric Power Commission
for the year 1946

STATEMENT "D"

Statistics Relating to the Supply of Electrical Energy to Consumers in Urban Municipalities Served by The Hydro-Electric Power Commission

Regarding the results of Hydro operation from the standpoint of the consumers, the following tabulation gives much useful and interesting information. For each main class of service in each urban municipal utility receiving power at cost from the Commission, Statement "D" lists the revenue, the consumption and the number of consumers, together with unit average costs and consumptions and other pertinent data.

The policy and practice of the Commission has been, and is, to make as widespread and beneficial a distribution of electrical energy as possible, and to extend to every community that can economically be reached by transmission lines, the benefit of electrical service. Even where, in certain localities, by reason of the distance from a source of supply or on account of the small quantity of power required by the municipality, the cost per horsepower to the municipality—and, consequently, the cost of service to the consumer—must unavoidably be higher than in more favourably situated communities, service has not been withheld when the consumers were able and willing to pay the cost.

The accompanying diagram summarizes graphically certain data of Statement "D" respecting the average cost to the consumer. It will be observed that the total amount of energy sold in municipalities where circumstances necessitate rates which result in the higher average costs to the consumer is relatively insignificant. With respect to power service, it should be noted that the statistics of Statement "D", and of the diagram, cover mainly retail power service supplied to the smaller industrial consumers. The average amount of power taken by the industrial consumers served by the municipalities is about 45 horsepower. The Commission serves certain large power consumers direct on behalf of the systems of municipalities.

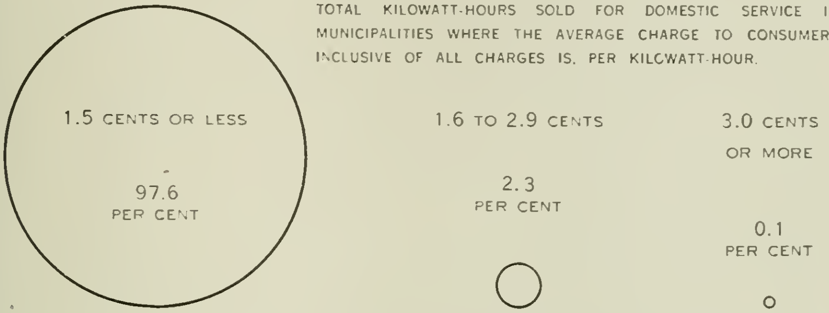
It should be kept in mind that the revenues reported in Statement "D", and used for purposes of calculating the net unit costs to the consumer, are the total revenues contributed by the consumers, and provide, in addition to the cost of power, sums specifically applicable to the retirement of capital, and also operating surplus which is in part applied to retirement of capital or extension of plant and is in part returned in cash to the consumers.

It should also be noted that average costs per kilowatt-hour or per horsepower if employed indiscriminately as a criterion by means of which to compare the rates or prices for electrical service in various municipalities, will give misleading results. The average cost per kilowatt-hour, as given in Statement "D" for respective classes of service in each municipality, are statistical results obtained by dividing the respective revenues by the aggregate kilowatt-hours sold. As such, the data reflect the combined influence of a number of factors, of which the rates or prices to consumers are but one factor. Owing to the varying influence of factors other than the rates, it is seldom found that in any two municipalities the average cost per kilowatt-hour to the consumers, even of the same classification, is in proportion to the respective rates for service. Instances even occur where for a class of consumers in one municipality, the average costs per kilowatt-hour are substantially lower than for the same class in another municipality, even though the rates are higher.

COST OF ELECTRICAL SERVICE TO CONSUMERS
IN MUNICIPALITIES SERVED BY
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

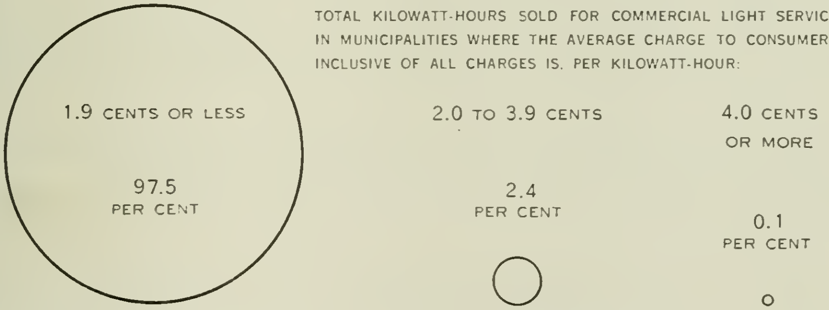
DOMESTIC SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR DOMESTIC SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR.



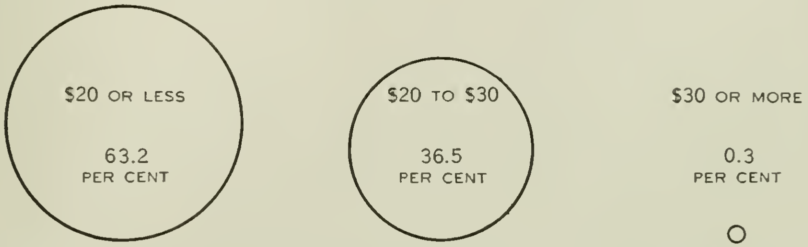
COMMERCIAL LIGHT SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR COMMERCIAL LIGHT SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:



POWER SERVICE SUPPLIED BY MUNICIPALITIES

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE AGGREGATE HORSEPOWER SOLD FOR POWER SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER HORSEPOWER PER YEAR.



With respect to domestic service, for example, instances may be observed where two municipalities have identical prices or rates for domestic service, but the average cost per kilowatt-hour to the consumer varies by as much as 50 per cent or more. Such variations are due principally to differences in the extent of utilization of the service for the operation of electric ranges, water heaters and other appliances, an indication of which is afforded by the statistics of average monthly consumption.

In the case of power service, average unit costs are still less reliable as an indication of the relative rates for service in different municipalities. In the case of hydro-electric power supplied to industries at cost, the rate schedules incorporate charges both for demand and for energy consumption, and thus, although the quantity of power taken by a consumer—that is, the demand as measured in horsepower—is the most important factor affecting costs and revenues, it is not the only one. The number of hours the power is used in the month or year—which, in conjunction with the power, determines the energy consumption, as measured in kilowatt-hours—also affects the costs and revenues. Consequently, in two municipalities charging the same rates for power service, the average cost per horsepower to the consumer will vary in accordance with the consumers' average number of hours use of the power per month. A greater average energy consumption per horsepower increases the average cost per horsepower and decreases the average cost per kilowatt-hour to the consumer, and *vice versa*.*

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*In view of the fact that the data of Statement "D" have been misinterpreted in the making of certain comparisons as to the cost of electricity in various territories, it is desirable to add a word of caution respecting their significance. Essentially, the average cost or revenue per kilowatt-hour is *not a criterion of rates* even with similar forms of rate schedules and for the same class of service. Particularly is this true when revenues and consumptions of all classes of service and of all kinds of rate schedules, are indiscriminately lumped together in order to deduce a so-called "average cost or rate per kilowatt-hour" for all services.

In one community rates for each class of service, and the cost to every consumer in each class for any given service and consumption, may be substantially higher than in another community, and yet there may be in the former community a lower "average revenue per kilowatt-hour."

EXAMPLE.—Assume sales of electrical energy by two electric utilities, A and B, in each case 10,000,000 kilowatt-hours.

Class of service	CASE A Higher rates and lower revenues per kilowatt-hour			CASE B Lower rates and higher revenues per kilowatt-hour		
	Energy sales	Rate per kw-hr.	Revenue	Energy sales	Rate per kw-hr.	Revenue
	kw-hr.	cents	$	kw-hr.	cents	$
Residence	1,000,000	4	40,000	3,000,000	3	90,000
Power	9,000,000	1	90,000	7,000,000	0.75	52,500
Total	10,000,000	....	130,000	10,000,000	....	142,500
Average revenue	1.3 cents per kw-hr.			1.425 cents per kw-hr.		

It will be observed that in Case A *the rates* both for residence and for power service are 33 per cent *higher* than in Case B, but the *average revenue* per kilowatt-hour is nearly 9 per cent less.

In this instance, the explanation lies in the *relative quantities* of energy sold to each class. Service to large power consumers entails a smaller capital investment in distribution lines and equipment and lower operating costs per kilowatt-hour delivered, than does service to domestic and to commercial light consumers, and even where the rates for all classes of service are low, produces a smaller average revenue per kilowatt-hour. Consequently, if one electrical utility as compared with another sells a larger proportion of its energy for power purposes, its "average revenue per kilowatt-hour" may easily be lower than that of the other utility even though its rates for every class of service are substantially higher.

Although the derived statistics of Statement "D" are valueless as a means of comparing the *rates* in one municipality with those in another, they nevertheless fulfil a function in affording a general measure of the *economy of service* to consumers in the co-operating Ontario municipalities—an economy that has resulted primarily from the low rates themselves, and secondarily from the extensive use of the service that has been made possible by the low rates.

Actual bills rendered to typical consumers for similar service under closely comparable circumstances constitute the best basis for making comparisons. In researches respecting rates to consumers therefore the actual *rates schedules* of Statement "E" should be employed and not statistics of average revenues per kilowatt-hour, as these are valueless for rate comparisons—and particularly so when all classifications of service are combined.

In any consideration of the relative economies of electrical service in the various municipalities—whether based on the actual rates for service as set forth in Statement "E", or on the derived statistics resulting from the rates and other factors as presented in Statement "D"—full account should be taken respectively of the influence upon costs of such factors as the size of the municipality, the distance from the source of power, the features of the power developments, the sizes and concentrations of adjacent markets for electricity, and the sizes and characters of the loads supplied under the various classifications by the local electrical utility to the consumers.

In Statement "D" account has been taken of the sizes of municipalities by grouping them according to whether they are (i) cities—over 10,000 population; (ii) towns of 2,000 to 10,000 population; or (iii) small towns less than 2,000 population, villages, and suburban areas in townships. The populations are also given, and the situation of any municipality with respect to transmission lines and power supplies may be ascertained by consulting the maps at the end of the Report.

A feature of the electrical service in Ontario municipalities served by The Hydro-Electric Power Commission is the strikingly large average annual consumption per domestic consumer. All of the 96 cities and towns with populations of 2,000 or more—in which over 85 per cent of the domestic consumers of the undertaking are served—have an average annual consumption per domestic consumer in excess of 1,000 kilowatt-hours; of these, 85 have an average annual consumption per domestic consumer in excess of 1,500 kilowatt-hours, 64 in excess of 2,000 kilowatt-hours, and 23 in excess of 3,000 kilowatt-hours. In addition 165 smaller urban municipalities have an average annual consumption per domestic consumer exceeding 1,000 kilowatt-hours, including 49 in excess of 2,000 kilowatt-hours.

The high average consumption for domestic service results essentially from the policy of the undertaking in providing service "at cost"; the rate schedules designed according to this principle automatically encourage liberal use of the service. Under the standard rate schedules employed by Ontario municipalities, follow-up rates of 0.8 to 1.2 cents (less 10 per cent) are in common use, and as a rule even where the higher initial rates per kilowatt-hour obtain, it is only necessary for the domestic consumer to reach a monthly charge of from $2.00 to $3.00 to obtain the benefit of a follow-up rate of 1.8 cents net or less. The cost of electric cooking is thus within reach of most of the domestic consumers in Ontario. Electric water heating is also encouraged by low flat rates for continuous heaters and by installation of equipment without capital cost to the consumer. In 1941, war conditions made necessary the suspension of new installations for water heating.

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group I—CITIES

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Belleville	S.O.	15,967	116,981.29	15,751,211	4,111	319	2.37	0.74
Brantford	S.O.	34,267	201,669.25	22,039,946	8,768	217	1.99	0.91
Chatham	S.O.	18,033	115,812.31	8,178,765	4,768	143	2.02	1.41
Fort William	T.B.	30,590	287,076.66	49,125,732	7,855	521	3.04	0.58
Galt	S.O.	14,703	121,136.88	11,726,958	4,827	202	2.09	1.03
Guelph	S.O.	23,225	139,497.56	13,835,780	5,823	198	1.99	1.00
Hamilton	S.O.	175,039	1,011,337.92	105,422,604	44,725	196	1.88	0.96
Kingston	S.O.	36,697	230,238.63	30,092,787	8,366	299	2.29	0.76
Kitchener	S.O.	36,165	268,870.93	27,531,887	9,168	250	2.44	0.96
London	S.O.	79,562	630,502.72	69,426,808	21,332	271	2.46	0.91
Niagara Falls	S.O.	19,138	129,944.68	17,031,123	5,222	272	2.07	0.76
North Bay	N.O.P.	15,968	111,503.26	10,055,377	3,594	233	2.59	1.11
Oshawa	S.O.	26,454	261,825.64	22,027,326	7,158	256	3.04	1.18
Ottawa	S.O.	163,690	745,655.64	93,507,146	16,108	484	3.86	0.80
Owen Sound	S.O.	14,014	91,416.89	8,102,979	3,887	174	1.96	1.12
Peterborough	S.O.	32,242	222,322.07	24,929,798	8,125	255	2.28	0.89
Port Arthur	T.B.	25,373	176,617.30	24,396,400	6,640	306	2.22	0.72
St. Catharines	S.O.	34,559	204,173.65	22,870,642	9,081	210	1.87	0.89
St. Thomas	S.O.	18,190	156,661.88	17,152,354	4,803	298	2.72	0.91
Sarnia	S.O.	20,060	138,654.93	10.857,560	5,751	157	2.01	1.28
Stratford	S.O.	17,092	162,788.53	14,762,518	4,646	265	2.92	1.10
Sudbury	N.O.P.	36,299	270,861.21	21.195,682	8,816	200	2.56	1.27
Toronto	S.O.	681,802	4,466,153.65	457,182,674	155,499	245	2.40	0.98
Toronto D.C. & 60 cycle*	......	....	8,583.36	298,800	143	174	4.99	2.87
Welland	S.O.	15,780	56,984.90	5,927,838	3,318	149	1.43	0.96
Windsor	S.O.	117,539	772,984.30	71,296,577	27,414	219	2.38	1.08
Woodstock	S.O.	12,916	97,683.67	10,140,840	3,530	239	2.31	0.96

* This—with the exception of a relatively small D.C. power load—is a special service not created by The Hydro-Electric Power Commission but acquired through the purchase of a privately-owned company. It does not include street railway power.

GROUP II—TOWNS

Almonte	S.O.	2,250	15,161.70	1,826,675	689	221	1.83	0.83
Amherstburg	S.O.	2,826	27,303.72	2,553,605	791	269	2.88	1.07
Arnprior	S.O.	4,010	21,364.68	1,624,840	957	141	1.86	1.31
Aurora	S.O.	3,004	27,581.97	2,219,937	833	239	2.74	1.24
Aylmer	S.O.	2,475	18,586.36	1,699,262	815	174	1.90	1.09
Barrie	S.O.	10,583	95,058.56	9,329,930	2,646	294	2.99	1.02
Bowmanville	S.O.	†3,847	36,544.41	2,940,388	1,190	205	2.55	1.24
Brampton	S.O.	6,157	55,799.70	5,542,174	1,688	274	2.75	1.00
Brockville	S.O.	11,077	75,372.43	7,781,816	3,229	201	1.95	0.97
Burlington	S.O.	4,347	49,590.71	3,828,101	1,370	233	3.02	1.30
Carleton Place	S.O.	4,239	25,888.14	2,114,525	1,128	156	1.91	1.22
Clinton	S.O.	2,091	15,527.06	1,454,915	617	197	2.10	1.07
Cobourg	S.O.	4,996	46,285.97	3,488,484	1,511	192	2.55	1.32
Collingwood	S.O.	6,835	38,183.26	2,872,961	1,713	131	1.86	1.33
Delhi	S.O.	2,063	16,222.26	1,009,524	666	126	2.03	1.61

† Does not include Summer population.

"D"

in Ontario Municipalities Served by the Commission and for Power Service during the year 1946

Population, 10,000 or more

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw–hr.		kw–hr.	$ c.	cents	$ c.			
69,292.45	6,389,443	668	797	8.64	1.08	56,494.83	122	3,824.1	4,901
107,025.89	10,933,386	1,393	654	6.40	0.98	326,858.79	222	20,509.0	10,383
118,586.44	8,328,261	875	793	11.29	1.42	108,635.60	132	5,932.2	5,775
108,262.29	12,027,349	1,170	857	7.71	0.90	108,072.59	124	6,832.5	9,149
71,032.08	4,749,103	507	781	11.68	1.49	169,119.41	143	9,647.8	5,477
66,418.86	5,716,267	819	582	6.75	1.16	165,875.73	151	10,210.5	6,793
612,125.47	57,930,316	5,773	836	8.84	1.06	2,728,629.25	1,134	157,722.7	51,632
144,840.12	14,917,875	1,089	1,141	11.08	0.97	176,151.09	194	10,238.2	9,649
157,999.84	11,666,515	1,136	856	11.59	1.40	476,589.30	293	25,733.3	10,597
255,230.07	23,080,395	2,453	784	8.67	1.11	582,091.78	453	34,014.6	24,238
85,390.55	8,259,346	801	859	8.88	1.03	120,580.80	125	7,241.0	6,148
64,879.24	4,742,254	681	580	7.94	1.12	60,582.98	91	2,566.5	4,366
92,656.28	5,458,953	754	603	10.24	1.69	341,539.06	119	15,585.3	8,031
341,364.17	26,996,760	1,511	1,489	18.83	1.26	94,632.64	208	5,805.5	17,827
59,774.89	4,175,902	577	603	8.63	1.43	103,461.17	107	5,713.7	4,571
105,263.18	7,996,631	1,063	627	8.25	1.32	279,138.39	192	15,311.8	9,380
103,913.64	9,828,791	946	876	9.15	1.05	295,394.13	134	21,427.4	7,720
118,136.91	11,389,959	1,168	813	8.43	1.04	378,311.13	218	23,932.0	10,467
68,282.00	6,280,277	608	861	9.36	1.09	81,970.06	87	5,027.6	5,498
74,502.88	5,706,747	683	696	9.09	1.31	73,058.20	94	3,846.3	6,528
69,049.02	4,470,083	636	586	9.05	1.54	68,675.04	133	4,019.0	5,415
145,340.92	8,698,550	1,144	634	10.58	1.67	56,351.06	116	2.534.8	10,076
3,159,731.52	258,742,455	24,836	868	10.59	1.22	‡4,892,333.82	4,787	236,568.0	185,122
49,573.51	1,349,230	273	412	15.13	3.67	278,785.80	698	10,674.0	1,114
44,997.16	4,272,152	488	730	7.68	1.05	183,928.27	93	11,287.4	3,899
443,865.68	35,386,566	3,440	857	10.75	1.25	735,017.56	527	42,458.0	31,381
62,087.72	5,165,345	520	828	9.95	1.20	100,603.56	108	6,470.0	4,158

NOTE—The above group of 26 cities utilizes about 80 per cent of the power distributed by the Commission to Ontario municipalities.

‡ Does not include street railway power.

of Population, 2,000 or more.

6,108.65	513,833	110	389	4.63	1.19	8,497.20	24	506.0	823
10,869.42	837,505	153	456	5.92	1.30	10,354.92	16	495.4	960
12,476.68	721,105	226	266	4.60	1.73	22,807.24	24	1,226.9	1,207
10,407.14	799,842	125	533	6.94	1.30	21,470.22	18	1,037.2	976
14,159.42	1,156,450	160	602	7.37	1.22	9,719.26	24	608.9	999
53,826.57	3,855,019	449	716	9.98	1.40	46,527.03	68	2,444.0	3,163
13,118.73	758,941	187	338	5.84	1.72	55,241.94	28	2,692.7	1,405
24,656.00	1,774,655	293	505	7.01	1.39	25,554.40	58	1,563.1	2,039
32,724.88	2,872,100	412	581	6.62	1.14	97,249.55	76	5,404.7	3,717
21,907.32	1,366,698	162	71	1.13	1.60	20,746.41	21	794.6	1,553
12,280.52	678,694	195	290	5.25	1.81	29,521.40	19	1,651.0	1,342
9,218.38	560,945	132	354	5.82	1.64	6,255.27	18	345.4	767
26,254.06	1,514,669	256	493	6.54	1.73	32,289.21	53	1,451.8	1,820
18,284.20	1,244,071	283	366	5.38	1.47	35,999.04	56	2,090.5	2,052
14,188.62	691,121	171	337	6.91	2.05	6,180.75	10	297.7	847

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group II—TOWNS

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Dundas	S.O.	5,588	30,294.70	2,173,340	1,499	121	1.68	1.39
Dunnville	S.O.	4,342	16,280.12	1,217,616	1,102	92	1.23	1.34
Elmira	S.O.	2,182	17,267.45	1,538,203	583	220	2.47	1.12
Fergus	S.O.	2,624	21,333.92	1,673,510	790	177	2.25	1.27
Forest Hill	S.O.	13,960	223,122.61	23,681,153	3,867	510	4.81	0.94
Georgetown	S.O.	2,468	27,526.61	2,326,770	906	214	2.53	1.18
Goderich	S.O.	*4,728	39,170.46	3,035,196	1,390	182	2.35	1.29
Gravenhurst	S.O.	*2,485	14,572.42	1,439,134	663	189	1.83	1.01
Hanover	S.O.	3,133	24,532.20	1,844,098	884	174	2.31	1.33
Hespeler	S.O.	2,936	20,593.02	1,667,529	865	161	1.98	1.23
Humberstone	S.O.	3,287	12,950.85	905,580	801	94	1.35	1.43
Huntsville	S.O.	*2,750	18,928.90	1,847,522	766	201	2.06	1.02
Ingersoll	S.O.	5,826	38,254.62	3,342,896	1,609	173	1.98	1.14
Kincardine	S.O.	*2,337	16,965.75	993,104	772	107	1.83	1.71
Kingsville	S.O.	*2,380	16,717.61	1,181,197	668	147	2.09	1.42
Leamington	S.O.	*5,456	31,556.97	2,875,553	1,782	134	1.48	1.10
Lindsay	S.O.	7,740	56,996.02	5,092,975	2,338	182	2.03	1.12
Listowel	S.O.	3,209	20,548.12	1,693,141	851	166	2.01	1.21
Long Branch	S.O.	5,186	41,055.73	3,830,739	1,725	185	1.98	1.07
Meaford	S.O.	2,650	17,533.20	1,119.763	820	101	1.78	1.56
Merriton	S.O.	3,407	22,075.22	1,956,726	1,001	163	1.84	1.13
Midland	S.O.	*6,863	42,988.34	3,410,670	1,773	160	2.02	1.26
Mimico	S.O.	8,353	74,878.06	7,423,084	2,418	256	2.58	1.01
Napanee	S.O.	3,362	30,764.92	2,623,219	941	232	2.72	1.17
Newmarket	S.O.	3,990	37,323.08	3,743,041	1,110	281	2.80	1.00
New Toronto	S.O.	7,182	52,408.89	5,006,422	2,136	195	2.04	1.05
Orangeville	S.O.	2,633	20,913.44	1,475,515	772	159	2.26	1.42
Paris	S.O.	4,531	30,404.31	2,699,498	1,230	183	2.06	1.13
Penetanguishene	S.O.	4,018	16,007.92	1,103,654	855	108	1.56	1.45
Perth	S.O.	4,265	33,581.54	2,625,382	1,159	189	2.41	1.28
Petrolia	S.O.	2,684	16,132.90	986,760	836	98	1.61	1.63
Picton	S.O.	3,542	28,464.02	2,581.650	1,221	176	1.94	1.10
Port Colborne	S.O.	7,187	33,575.47	2,380,830	1,718	115	1.63	1.41
Port Credit	S.O.	2,250	22,016.52	2,381,723	685	290	2.68	0.92
Port Dover	S.O.	*2.073	12,651.63	872,617	822	88	1.28	1.45
Port Hope	S.O.	4,898	40,347.47	3,725,778	1,524	204	2.21	1.08
Prescott	S.O.	3,194	27,156.63	1,846,042	837	184	2.70	1.47
Preston	S.O.	6,701	45,025.42	4,158,280	1,763	196	2.13	1.09
Renfrew	S.O.	5,781	33,265.54	2.308,686	1,449	133	1.91	1.45
Riverside	S.O.	5,938	46,465.67	3.434,643	1,749	164	2.21	1.35
St. Marys	S.O.	3,643	35,360.70	2,682,564	1,116	200	2.64	1.32
Simcoe	S.O.	6,063	30,826.49	2,665.071	1,724	129	1.49	1.16
Smiths Falls	S.O.	7,736	58,763.72	5,478.704	2.123	215	2.31	1.07
Strathroy	S.O.	3,001	29,049.06	2,587,700	864	250	2.80	1.12
Swansea	S.O.	7,142	70,950.47	7,821,826	2,134	305	2.77	0.91

* Does not include Summer population.

"D"—Continued

in Ontario Municipalities Served by the Commission and for Power Service during the year 1946

population 2,000 or more—Continued

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw–hr.		kw–hr.	$ c.	cents	$ c.			
20,123.60	1,219,959	212	480	7.91	1.64	43,352.92	42	2,774.1	1,753
16,628.02	1,325,359	258	428	5.37	1.25	21,804.95	30	1,394.0	1,390
10,754.91	666,480	136	408	6.59	1.61	29,675.82	30	1,298.5	749
9,270.99	595,695	115	432	6.72	1.56	21,064.98	15	1,044.8	920
33,662.55	2,269,487	300	630	9.35	1.48	3,147.25	28	197.5	4,195
10,876.69	673,917	136	401	6.66	1.61	44.089.47	27	2,043.0	1,069
20,007.08	1,164.732	269	361	6.20	1.72	22,308.39	27	1,098.7	1,686
12,916.89	1,310,027	115	949	9.36	0.99	19,242.19	17	939.6	795
10,094.22	584,834	146	333	5.76	1.73	26,033.21	27	1,209.4	1,057
8.565.50	549,332	97	472	7.36	1.56	61,224.43	33	2,899.8	995
5,441.28	384.148	89	360	5.09	1.42	6,818.01	14	410.2	904
15,057.59	1,075,510	141	636	8.90	1.40	15,902.26	16	274.6	923
20,861.25	1,545,586	244	528	7.12	1.35	47,605.10	50	2,853.7	1.903
9,719.00	416,730	136	255	5.96	2.33	14,967.45	20	579.6	928
12,038.42	764,958	172	371	5.83	1.57	6.204.61	25	368.7	865
23,122.27	2,496,291	311	669	6.20	0.93	31,863.66	39	1,670.2	2,132
36,055.84	2,306.407	378	508	7.95	1.56	39,985.88	73	2,248.7	2.789
14,010.51	903.567	167	451	6.99	1.55	20,531.34	29	1,065.2	1,047
8,318.65	601,876	133	377	5.21	1.38	20,160.94	15	1,128.2	1,873
11,495.53	624,252	170	306	5.63	1.84	13,917.99	22	686.3	1,012
5,319.11	385,699	68	473	6.52	1.38	201,414.82	20	10,733.0	1,089
21,534.86	1,442,795	225	534	7.98	1.49	77,079.33	59	4,892.6	2,057
14,638.87	1,096,854	173	528	7.05	1.33	18,495.36	29	899.6	2,620
22,832.29	1,352,205	223	505	8.53	1.69	14,237.33	28	792.8	1,192
23,764.54	1,461,984	204	596	9.71	1.63	20,611.92	34	1,717.7	1,348
22,332.73	2,127,866	218	813	8.54	1.05	185,602.62	40	9,551.0	2.394
14,922.04	887,065	196	377	6.34	1.68	6,918.29	29	425.4	997
12,013.44	898,646	195	384	5.13	1.34	25,892.63	26	1,628.2	1,451
10,052.22	638,352	120	443	6.98	1.57	24,721.42	19	1,107.3	994
20,072.32	1,301,968	202	537	8.28	1.54	18,483.03	32	1,052.0	1,393
10,716.63	597,508	153	325	5.84	1.79	28,337.13	58	1,086.7	1,047
18,896.51	1,457,835	240	506	6.56	1.29	9,879.48	37	687.5	1,498
23,643.66	1,528,094	246	518	8.01	1.55	24,127.05	26	1,271.0	1,990
8,500.51	604,104	90	559	7.87	1.41	6,230.57	14	305.3	789
7,703.23	530,746	142	311	4.52	1.45	7,052.12	19	394.0	983
18,482.35	1,231.115	219	468	7.03	1.50	46,867.03	45	2,417.1	1,788
14,560.03	871,242	160	452	7.58	1.67	12,103.60	28	944.7	1,025
24,305.69	1,654,756	235	587	8.62	1.47	60,627.96	52	3,682.0	2,050
20,972.10	1,503,911	233	538	7.50	1.39	43,971.21	66	2,080.0	1,748
7,151.57	467,900	91	428	6.55	1.53	8,189.90	14	382.4	1,854
14,875.41	790,320	192	343	6.46	1.88	25,610.78	38	1,439.5	1,346
35,131.28	3,275,534	423	645	6.92	1.07	35,071.86	52	1,914.3	2,199
22,391.52	1,738,735	301	481	6.20	1.29	32,031.95	41	1,727.6	2,465
15,400.94	986,464	203	405	6.32	1.56	18,555.17	34	1,159.3	1,101
10,261.80	711,520	99	599	8.64	1.44	25,394.17	16	1,273.3	2,249

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers

For Domestic Service, for Commercial Light Service

Group II—TOWNS

Municipality	System	Population	Domestic service: Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw–hr.		kw–hr.	$ c.	cents
Tecumseh	S.O.	*2,794	16,650.24	959,484	765	105	1.81	1.74
Thorold	S.O.	5,517	22,457.53	2,221,748	1.317	141	1.42	1.01
Tillsonburg	S.O.	4,172	24,795.92	2,013,896	1,316	128	1.57	1.23
Trenton	S.O.	9,849	43,490.60	5,262,453	1,938	226	1.87	0.83
Walkerton	S.O.	2,566	23,023.47	1,326,758	723	153	2.65	1.73
Wallaceburg	S.O.	5,088	32,895.05	2,157,603	1,673	107	1.64	1.52
Waterloo	S.O.	9,452	74,210.66	9,471,035	2,415	327	2.56	0.78
Weston	S.O.	6,333	63,784.75	7,633,985	1,763	361	3.01	0.84
Whitby	S.O.	4,595	36,717.12	3,187,739	1,093	243	2.80	1.15
Wingham	S.O.	2,155	17,997.21	1,149,556	609	157	2.46	1.57

* Does not include Summer population.

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Acton	S.O.	1,976	17,189.88	1,485,809	596	208	2.40	1.2
Agincourt	S.O.	P.V.	7,637.75	615,030	177	289	3.60	1.2
Ailsa Craig	S.O.	395	3,288.10	224,080	162	115	1.69	1.5
Alexandria	S.O.	1,904	10,175.66	545,317	461	98	1.84	1.9
Alliston	S.O.	1,528	14,318.63	913,475	452	102	2.64	1.6
Alvinston	S.O.	611	4,070.05	153,120	225	57	1.51	2.7
Ancaster Twp	S.O.	....	15,421.86	1,186,456	408	242	3.15	1.3
Apple Hill	S.O.	P.V.	1;596.00	49,825	72	58	1.85	3.2
Arkona	S.O.	374	3,068.73	125,310	126	83	2.03	2.4
Arthur	S.O.	922	6,065.38	277,165	267	87	1.89	2.2
Athens	S.O.	714	4,517.93	126,442	185	57	2.03	3.6
Ayr	S.O.	718	6,678.58	486,435	239	170	2.33	1.4
Baden	S.O.	P.V.	4,766.95	414,991	170	203	2.34	1.1
Bath	S.O.	*323	3,335.88	106,620	82	108	3.39	3.1
Beachville	S.O.	P.V.	4,420.80	339,687	173	164	2.13	1.3
Beamsville	S.O.	1,338	12,911.30	1,446,778	425	284	2.53	0.9
Beaverton	S.O.	*842	8,548.25	531,626	344	129	2.07	1.6
Beeton	S.O.	507	3,871.53	170,945	154	93	2.10	2.3
Belle River	S.O.	845	7,001.08	372,320	349	89	1.67	1.9
Blenheim	S.O.	1,873	11,082.26	798,908	584	114	1.58	1.4
Bloomfield	S.O.	624	3,639.80	239,998	185	108	1.64	1.5
Blyth	S.O.	632	4,305.78	208,653	198	88	1.81	2.1
Bobcaygeon†	S.O.	*977	5,247.83	183.923	409	38	1.07	2.9
Bolton	S.O.	621	5,619.72	607,625	207	245	2.26	0.9
Bothwell	S.O.	574	3,171.64	219,506	196	93	1.35	1.4
Bradford	S.O.	1,075	8,617.49	483,180	301	134	2.39	1.8
Braeside	S.O.	405	1,980.83	90,460	96	79	1.72	2.2
Brantford Twp	S.O.	....	50,803.95	4,143,217	1,899	182	2.23	1.2
Brechin	S.O.	P.V.	1,828.79	71,992	63	95	2.42	2.5
Bridgeport	S.O.	P.V.	5,697.35	393,993	192	179	2.58	1.4

* Does not include Summer population.

† Six months' operation.

"D"—Continued

in Ontario Municipalities Served by the Commission

and for Power Service during the year 1946

population 2,000 or more—Continued

Commercial Light service						Power service			
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	Total number of consumers
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
5,736.28	322,195	65	413	7.35	1.78	1,982.78	4	101.4	834
9,322.73	980,177	141	579	5.51	0.95	60,604.78	23	3,120.0	1,481
24,028.07	2,089,393	280	622	7.15	1.15	20,875.14	41	1,238.2	1,637
23,351.94	1,660,994	291	476	6.69	1.40	89,315.83	53	4,483.5	2,282
15,650.86	848,990	138	513	9.45	1.84	12,804.78	19	484.5	880
20,150.90	1,369,689	281	406	5.98	1.47	138,027.97	58	6,054.3	2,012
29,465.12	2,640,616	281	783	8.74	1.11	78,744.96	80	4,234.1	2,776
17,322.26	1,540,839	197	652	7.33	1.12	70,838.87	34	3,986.4	1,994
16,320.83	1,076,694	173	519	7.86	1.51	22,519.01	34	1,008.9	1,300
12,963.64	635,015	150	353	7.20	2.04	23,624.51	24	869.6	783

VILLAGES AND SUBURBAN AREAS

Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	Total number of consumers
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
7,847.63	603,859	111	453	5.89	1.3	33,218.67	20	1,612.8	727
2,001.91	76,797	31	204	5.38	2.6	1,655.66	5	81.8	213
1,238.82	63,478	34	156	3.04	1.9	1,707.27	4	75.1	200
6,803.90	332,256	117	237	4.84	2.0	6,053.65	19	186.9	597
9,901.58	472,592	127	310	6.49	2.1	7,198.06	23	351.5	602
2,416.34	96,054	58	138	3.47	2.5	1,872.48	5	62.5	288
4,851.27	219,925	51	359	7.93	2.2	1,000.58	9	69.5	468
952.52	40,043	21	159	3.78	2.4	573.40	2	24.4	95
1,481.49	54,382	36	126	3.43	2.7	308.05	2	9.2	164
6,154.57	210,226	88	200	5.83	2.9	1,904.02	7	81.8	362
1,959.99	68,710	43	133	3.80	2.9	810.41	1	33.1	229
2,740.52	134,616	49	229	4.66	2.0	2,466.35	7	108.2	295
2,186.46	143,638	34	352	5.36	1.5	10,378.90	3	500.5	207
793.45	27,180	14	162	4.72	2.9	....	......	....	96
670.21	31,776	22	120	2.54	2.1	18,931.09	4	775.9	199
5,219.97	434,627	76	477	5.72	1.2	2,412.22	7	152.8	508
3,659.74	201,980	68	248	4.48	1.8	1,416.95	8	72.0	420
2,158.99	85,595	37	193	4.86	2.5	435.11	5	23.7	196
3,764.91	218,609	58	314	5.41	1.7	1,422.26	4	44.1	411
11,449.74	779,840	156	417	6.12	1.5	9,933.49	17	489.1	757
2,351.05	107,064	40	223	4.90	2.2	1,402.35	7	76.6	232
2,347.01	91,665	56	136	3.49	2.6	1,147.89	6	54.6	260
3,034.29	202,031	76	238	3.33	1.5	431.01	6	44.3	491
2,277.42	124,294	49	211	3.87	1.8	3,796.74	13	153.5	269
2,415.66	161,679	61	221	3.30	1.5	1,301.19	8	121.8	265
6,836.63	288,998	79	305	7.21	2.4	5,568.74	14	240.6	394
401.82	10,944	9	101	3.72	3.7	5,394.13	2	265.0	107
7,532.38	489,039	87	468	7.21	1.5	8,480.80	9	424.6	1,995
945.94	35,866	24	125	3.28	2.6	763.86	1	30.0	88
1,694.88	85,268	27	263	5.17	2.0	2,329.69	4	104.7	223

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Brigden	S.O.	P.V.	2,393.51	110,560	131	70	1.52	2.2
Brighton	S.O.	1,726	14,182.39	855,263	612	116	1.93	1.6
Brussels	S.O.	748	5,557.63	209,765	259	67	1.79	2.6
Burford	S.O.	P.V.	6,078.84	546,731	241	189	2.10	1.1
Burgessville	S.O.	P.V.	1,969.90	105,425	64	137	2.56	1.9
Caledonia	S.O.	1,435	7,898.15	530,863	466	95	1.41	1.5
Campbellville	S.O.	P.V.	1,483.70	101,250	56	151	2.21	1.5
Cannington	S.O.	812	6,466.81	360,182	274	110	1.97	1.8
Capreol	N.O.P.	1,680	11,360.30	638,920	453	118	2.09	1.8
Cardinal	S.O.	1,639	10,518.01	790,050	399	165	2.20	1.3
Cayuga	S.O.	619	4,938.40	211,773	200	88	2.06	2.3
Chatsworth	S.O.	338	2,696.83	166,060	121	114	1.86	1.6
Chesley	S.O.	1,548	11,042.95	913,295	478	159	1.93	1.2
Chesterville	S.O.	1,047	6,149.52	505,130	265	159	1.93	1.2
Chippawa	S.O.	1,251	8,841.97	968,052	368	219	2.00	0.9
Clifford	S.O.	431	3,258.98	177,030	138	107	1.97	1.8
Cobden	S.O.	611	3,520.38	219,482	179	102	1.64	1.6
Colborne	S.O.	907	8,603.17	506,987	294	144	2.44	1.7
Coldwater	S.O.	595	4,326.02	283,850	167	142	2.16	1.5
Comber	S.O.	P.V.	2,505.69	126,140	132	80	1.58	2.0
Cookstown	S.O.	P.V.	2,977.23	120,980	130	78	1.91	2.5
Cottam	S.O.	P.V.	3,091.13	164,060	146	94	1.76	1.9
Courtright	S.O.	386	1,878.94	77,900	107	61	1.46	2.4
Creemore	S.O.	631	4,496.33	249,665	192	108	1.95	1.8
Dashwood	S.O.	P.V.	2,762.31	139,591	107	109	2.15	2.0
Delaware	S.O.	P.V.	2,586.48	190,612	76	209	2.84	1.4
Deseronto	S.O.	1,271	10,366.71	539,108	410	109	2.11	1.9
Dorchester	S.O.	P.V.	3,302.76	219,125	158	116	1.74	1.5
Drayton	S.O.	509	4,367.92	172,860	175	82	2.08	2.5
Dresden	S.O.	1,532	9,236.34	556,399	514	90	1.50	1.7
Drumbo	S.O.	P.V.	3,014.23	175,240	97	151	2.59	1.7
Dublin	S.O.	P.V.	1,752.10	78,780	69	95	2.12	2.2
Dundalk	S.O.	705	5,066.60	312,325	223	117	1.89	1.6
Durham	S.O.	1,976	9,203.86	593,141	485	102	1.58	1.6
Dutton	S.O.	812	3,724.35	260,670	242	90	1.28	1.4
East York Twp.	S.O.	....	327,857.81	26,594,873	12,928	171	2.11	1.2
Elmvale	S.O.	P.V.	4,185.21	270,960	205	110	1.70	1.5
Elmwood	S.O.	P.V.	1,505.65	64,573	81	66	1.55	2.3
Elora	S.O.	1,167	9,503.02	647,677	369	146	2.15	1.5
Embro	S.O.	455	4,613.27	275,504	137	168	2.81	1.7
Erieau	S.O.	*223	5,684.64	313,368	223	117	2.12	1.8
Erie Beach	S.O.	*22	1,663.59	44,493	85	44	1.63	3.7
Essex	S.O.	1,920	10,226.95	718,690	550	109	1.55	1.4
Etobicoke Twp.	S.O.	....	276,967.43	27,557,130	7,572	303	3.05	1.0
Exeter	S.O.	1,794	17,277.78	1,441,728	576	209	2.50	1.2

* Does not include Summer population.

† Six months' operation.

"D"—Continued

in Ontario Municipalities Served by the Commission and for Power Service during the year 1946

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
1,971.67	92,520	41	188	4.01	2.1	2,433.16	4	75.1	176
5,383.38	316,719	114	232	3.94	1.7	4,563.31	9	236.1	735
3,250.63	112,825	67	140	4.04	2.9	3,478.63	8	124.7	334
2,456.79	165,464	44	313	4.65	1.5	1,987.92	4	126.3	289
709.44	23,696	18	110	3.28	3.0	1,172.03	3	63.5	85
6,084.06	455,881	109	349	4.65	1.3	2,632.33	12	151.4	587
531.13	27,872	11	211	4.02	1.9	379.97	1	8.5	68
3,261.37	127,107	71	149	3.83	2.6	2,641.26	10	144.7	355
4,005.11	215,440	60	199	5.56	1.9	4,893.26	2	158.5	515
2,565.14	165,620	57	242	3.75	1.5	383.19	3	24.7	459
4,845.36	204,261	72	236	5.61	2.4	4,519.07	9	221.9	281
1,467.51	58,085	27	179	4.53	2.1	....	......	....	148
6,012.72	410,160	89	384	5.63	1.5	8,499.13	24	449.7	591
4,795.90	271,450	72	314	5.55	1.8	4,573.92	4	209.4	341
2,450.84	195,333	53	307	3.85	1.3	1,152.83	2	50.8	423
2,271.35	99,742	34	244	5.57	2.3	707.28	2	22.8	174
2,836.99	112,771	54	174	4.38	2.5	2,555.96	3	78.2	236
5,529.83	251,120	78	268	5.91	2.2	1,162.93	8	61.6	380
1,962.78	74,012	50	123	3.27	2.7	3,567.47	4	141.8	221
2,155.34	94,702	46	172	3.90	2.3	3,128.16	7	156.7	185
1,640.74	47,320	36	101	3.80	3.5	1,494.78	4	73.5	170
1,712.41	83,060	28	247	5.10	2.1	962.86	5	53.4	179
861.72	43,869	23	159	3.12	2.0	974.64	1	12.5	131
2,400.39	134,446	53	211	3.77	1.8	1,317.56	3	83.7	248
1,331.26	60,660	27	187	4.11	2.2	1,402.91	3	61.2	137
948.87	42,409	16	221	4.94	2.2	....	......	....	92
4,581.89	183,642	63	243	6.06	2.5	2,930.87	10	126.0	483
1,125.74	52,277	30	145	3.13	2.2	742.62	2	32.1	190
2,751.46	104,146	66	131	3.47	2.6	1,319.81	4	55.0	245
8,886.63	532,015	139	319	5.33	1.7	8,740.59	16	432.3	669
1,331.85	54,061	30	150	3.70	2.5	814.57	1	37.4	128
1,319.16	51,271	28	153	3.93	2.6	1,589.25	2	72.9	99
3,983.41	167,786	79	177	4.20	2.4	3,200.94	7	185.6	309
6,024.45	320,190	115	232	4.37	1.9	5,312.58	19	221.4	619
2,846.09	180,509	69	218	3.44	1.6	3,740.46	11	207.1	322
33,909.86	2,568,276	581	368	4.86	1.3	54,872.82	49	2,656.0	13,558
2,273.38	121,564	56	181	3.38	1.9	3,358.21	7	139.0	268
991.33	31,972	21	127	3.93	3.1	1,978.38	2	70.7	102
4,974.79	279,501	69	338	6.01	1.8	5,272.30	6	286.2	444
1,104.60	54,071	32	141	2.88	2.0	1,920.61	3	72.0	172
1,850.81	82,800	14	493	11.02	2.2	5,321.96	4	149.9	241
226.25	5,867	3	163	6.28	3.9	....	......	....	88
11,006.04	883,583	134	549	6.84	1.2	9,711.38	21	585.9	705
36,191.77	2,609,764	395	550	7.63	1.4	79,865.37	60	4,137.9	8,027
10,348.47	668,064	133	419	6.48	1.5	6,043.76	17	385.1	726

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Finch	S.O.	328	2,969.22	142,048	125	103	1.98	2.1
Flesherton	S.O.	361	2,513.40	129,140	136	79	1.54	1.9
Fonthill	S.O.	1,009	8,098.42	569,275	312	152	2.16	1.4
Forest	S.O.	1,679	16,494.60	1,240,590	550	188	2.50	1.3
Glencoe	S.O.	703	4,960.23	253,132	246	86	1.68	2.0
Grand Valley	S.O.	594	3,811.82	198,510	193	86	1.65	1.9
Granton	S.O.	P.V.	2,420.61	118,822	87	114	2.32	2.0
Grimsby	S.O.	1,993	19,796.98	1,637,578	682	200	2.42	1.2
Hagersville	S.O.	1,562	8,408.20	551,315	434	106	1.61	1.5
Harriston	S.O.	1,252	9,729.77	647,663	410	132	1.98	1.5
Harrow	S.O.	1,150	14,673.62	1,132,614	375	252	3.26	1.3
Hastings	S.O.	*723	5,639.15	247,849	262	79	1.79	2.3
Havelock	S.O.	936	5,654.30	310,496	304	85	1.55	1.8
Hensall	S.O.	631	5,364.38	314,320	229	114	1.95	1.7
Highgate	S.O.	304	2,099.21	101,510	111	76	1.58	2.1
Holstein	S.O.	P.V.	1,032.06	42,200	67	52	1.28	2.4
Iroquois	S.O.	910	8,584.40	654,112	322	169	2.22	1.3
Jarvis	S.O.	557	3,086.72	153,973	164	78	1.57	2.0
Kemptville	S.O.	1,200	9,992.77	643,215	409	131	2.04	1.6
Kirkfield	S.O.	P.V.	1,038.37	28,030	43	54	2.01	3.7
Lakefield	S.O.	1,372	9,111.90	605,926	407	124	1.87	1.5
Lambeth	S.O.	P.V.	4,154.90	353,426	151	185	2.29	1.2
Lanark	S.O.	734	3,876.14	167,231	193	72	1.67	2.3
Lancaster	S.O.	526	2,159.40	103,210	120	72	1.50	2.1
LaSalle	S.O.	1,100	11,868.95	739,103	302	204	3.28	1.6
London Twp	S.O.	....	18,533.40	1,581,278	519	254	2.98	1.2
Lucan	S.O.	570	5,576.55	424,472	204	173	2.28	1.3
Lucknow	S.O.	928	6,332.59	350,411	330	88	1.60	1.8
Lynden	S.O.	P.V.	3,200.37	228,620	105	181	2.54	1.4
Madoc	S.O.	1,090	6,629.79	370,780	334	93	1.65	1.8
Markdale	S.O.	722	4,186.10	422,911	256	138	1.36	1.0
Markham	S.O.	1,173	10,854.51	711,962	368	161	2.46	1.5
Marmora	S.O.	965	5,381.35	229,285	269	71	1.67	2.3
Martintown	S.O.	P.V.	1,127.35	53,560	64	70	1.47	2.1
Maxville	S.O.	807	3,621.48	181,159	182	83	1.66	2.0
Merlin	S.O.	P.V.	2,407.03	123,376	132	80	1.52	1.9
Mildmay	S.O.	767	5,021.29	341,712	196	145	2.13	1.5
Millbrook	S.O.	679	5,244.95	196,645	195	84	2.24	2.7
Milton	S.O.	1,893	16,152.85	1,258,624	583	180	2.31	1.3
Milverton	S.O.	961	6,805.28	556,490	273	170	2.08	1.2
Mitchell	S.O.	1,560	16,038.92	1,282,498	545	196	2.45	1.3
Moorefield	S.O.	P.V.	1,664.15	81,510	72	94	1.93	2.0
Morrisburg	S.O.	*1,436	12,373.12	780,207	431	151	2.39	1.6
Mt. Brydges	S.O.	P.V.	3,007.92	194,604	177	92	1.42	1.5
Mt. Forest	S.O.	1,787	11,891.11	719,420	523	115	1.89	1.7

* Does not include Summer population.

"D"—Continued

in Ontario Municipalities Served by the Commission and for Power Service during the year 1945

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horsepower	
$ c.	kw–hr.		kw–hr.	$ c.	cents	$ c.			
2,238.00	73,238	43	142	4.34	3.1	286.37	1	8.3	169
2,197.20	97,943	46	177	3.98	2.2	667.48	2	34.0	184
2,156.75	107,736	41	219	4.38	2.0	771.11	5	42.3	338
9,294.96	524,695	152	288	5.10	1.8	7,206.90	21	346.0	723
5,368.90	237,690	75	264	5.97	2.3	3,875.35	12	180.2	333
2,536.42	124,810	51	204	4.14	2.0	2,543.89	8	128.6	252
1,217.91	59,966	29	172	3.50	2.0	....	1	7.5	117
14,582.16	1,084,512	143	632	8.50	1.3	15,072.84	17	448.7	842
7,897.50	478,135	127	314	5.18	1.7	19,163.91	19	1,137.4	580
6,852.96	348,656	107	272	5.34	2.0	8,461.11	15	408.9	532
7,619.72	396,156	93	355	6.83	1.9	5,024.62	8	240.5	476
3,114.80	124,156	57	182	4.55	2.5	203.12	3	15.2	322
2,700.09	111,179	54	172	4.17	2.4	2,411.61	3	103.4	361
2,827.35	113,340	58	163	4.06	2.5	3,602.73	17	192.0	304
921.25	38,860	32	101	2.40	2.4	1,569.26	6	77.6	149
359.76	16,674	14	99	2.14	2.2	572.67	2	24.7	83
3,896.81	209,310	66	264	4.92	1.9	1,893.14	5	38.6	393
2,318.35	126,360	42	251	4.60	1.8	3,821.12	4	146.4	210
7,056.91	374,824	84	372	7.00	1.9	4,544.98	5	198.5	498
1,312.46	35,560	18	165	6.08	3.7	....	......	....	61
5,897.24	317,502	79	335	6.22	1.9	7,618.35	12	372.3	498
1,210.02	76,091	27	235	3.73	1.6	808.77	5	66.0	183
3,059.01	142,770	43	277	5.93	2.1	988.43	2	25.9	238
1,240.17	49,000	31	132	3.33	2.5	....	......	....	151
2,094.07	97,694	17	479	10.27	2.1	805.10	3	30.5	322
2,500.79	155,687	19	683	10.97	1.6	1,871.23	5	89.0	543
3,042.57	163,436	55	248	4.61	1.9	1,277.65	5	68.4	264
3,718.98	153,507	95	135	3.26	2.4	14,157.95	10	430.6	435
769.77	33,624	15	187	4.28	2.3	799.99	2	45.0	122
4,691.79	214,537	95	188	4.12	2.2	2,397.11	6	110.4	435
3,480.59	263,181	74	296	3.92	1.3	2,088.85	8	131.1	338
5,114.44	315,888	67	393	6.36	1.6	3,973.95	9	193.3	444
2,801.62	144,605	41	293	5.69	1.9	401.07	1	23.9	311
1,261.53	52,476	24	182	4.38	2.4	51.02	1	5.2	89
2,532.65	100,108	46	181	4.59	2.5	....	......	....	228
2,204.23	103,089	55	156	3.34	2.1	1,378.40	3	61.5	190
3,300.23	136,630	61	187	4.51	2.4	1,813.91	5	57.8	262
2,176.86	50,020	65	64	2.79	4.3	1,821.86	5	59.6	265
8,688.80	565,102	111	424	6.52	1.5	29,306.54	18	1,309.0	712
4,895.35	276,196	82	281	4.97	1.8	6,466.55	11	382.7	366
8,506.00	508,972	146	291	4.86	1.7	8,275.13	28	426.0	719
1,538.64	73,030	29	210	4.42	2.1	1,841.96	2	52.9	103
7,667.35	356,398	112	265	5.70	2.2	4,646.05	19	242.7	562
1,168.08	71.004	40	148	2.43	1.6	909.06	5	60.2	222
10,053.30	532,790	145	306	5.78	1.9	7,089.70	20	368.7	688

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Neustadt	S.O.	418	2,473.85	99,312	130	64	1.59	2.5
Newbury	S.O.	207	1,649.54	66,209	80	69	1.72	2.5
Newcastle	S.O.	*675	6,155.47	409,565	239	143	2.15	1.5
New Hamburg	S.O.	1,456	11,450.99	967,013	396	203	2.41	1.2
Niagara-on-the-Lake	S.O.	1,802	21,831.50	2,184,626	655	278	2.78	1.0
Nipigon Twp.	T.B.	V.A.	7,326.11	535,672	294	152	2.08	1.4
North York Twp.	S.O.	....	258,190.19	25,201,577	8,397	250	2.56	1.0
Norwich	S.O.	1,249	11,407.40	1,032,143	409	210	2.32	1.1
Norwood	S.O.	685	6,231.10	322,490	245	110	2.12	1.9
Oil Springs	S.O.	396	2,485.13	165,399	114	121	1.82	1.5
Omemee	S.O.	598	3,960.81	195,897	179	91	1.84	2.0
Orono	S.O.	P.V.	5,518.30	241,425	186	108	2.47	2.3
Otterville	S.O.	P.V.	3,338.82	222,940	166	115	1.68	1.6
Paisley	S.O.	585	4,821.90	191,240	224	71	1.79	2.5
Palmerston	S.O.	1,379	12,761.46	1,033,528	405	213	2.63	1.2
Parkhill	S.O.	802	7,251.15	489,405	340	120	1.78	1.5
Plattsville	S.O.	P.V.	3,172.98	120,761	128	79	2.07	2.6
Point Edward	S.O.	1,360	8,098.17	401,680	370	91	1.82	2.0
Port Dalhousie	S.O.	*1,747	25,434.50	2,444,888	743	274	2.85	1.0
Port Elgin	S.O.	*1,559	15,394.22	898,020	562	133	2.28	1.7
Port McNicoll	S.O.	*869	4,812.10	206,413	250	69	1.60	2.3
Port Perry	S.O.	1,288	12,039.34	606,025	405	125	2.48	2.0
Port Rowan	S.O.	616	3,693.42	186,060	217	71	1.40	2.0
Port Stanley	S.O.	*896	19,361.51	1,440,338	885	136	1.80	1.3
Priceville	S.O.	P.V.	731.89	22,326	41	45	1.49	3.3
Princeton	S.O.	P.V.	3,110.13	188,670	105	150	2.47	1.6
Queenston	S.O.	P.V.	3,247.19	360,423	82	366	3.30	0.9
Richmond	S.O.	450	3,163.06	174,070	96	151	2.75	1.8
Richmond Hill	S.O.	1,458	14,576.88	1,509,309	457	275	2.66	1.0
Ridgetown	S.O.	1,948	10,236.37	782,220	624	104	1.37	1.3
Ripley	S.O.	433	3,484.44	126,969	134	79	2.17	2.7
Rockwood	S.O.	P.V.	5,167.69	365,120	180	169	2.39	1.4
Rodney	S.O.	731	3,997.54	230,230	274	70	1.22	1.7
Rosseau	S.O.	*134	1,957.98	50,002	63	66	2.59	3.9
Russell	S.O.	P.V.	3,914.57	164,873	127	108	2.57	2.4
St. Clair Beach	S.O.	*235	3,418.56	209,260	115	152	2.48	1.6
St. George	S.O.	P.V.	3,742.49	264,216	177	124	1.76	1.4
St. Jacobs	S.O.	P.V.	4,570.36	409,890	140	244	2.72	1.1
Scarboro Twp.	S.O.	....	158,574.45	13,325,460	6,671	166	1.98	1.2
Seaforth	S.O.	1,724	13,762.73	1,054,956	611	144	1.88	1.3
Shelburne	S.O.	1,132	6,924.46	390,375	333	98	1.73	1.8
Sioux Lookout	N.O.P.	1,897	21,309.35	564,622	586	80	3.03	3.8
Smithville	S.O.	P.V.	3,835.78	213,586	193	92	1.66	1.8
Southampton	S.O.	*1,598	12,852.67	866,787	622	116	1.72	1.5
Springfield	S.O.	409	2,548.39	137,270	133	86	1.60	1.9

* Does not include Summer population.

"D"—Continued

in Ontario Municipalities Served by the Commission and for Power Service during the year 1946

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	Total number of consumers
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
1,276.62	58,900	27	182	3.94	2.2	673.81	3	23.5	160
685.86	26,482	19	116	3.01	2.6	253.07	1	15.9	100
1,888.64	104,427	36	242	4.37	1.8	4.864.63	7	149.9	282
5,749.07	308,186	122	211	3.93	1.9	8,621.82	12	415.3	530
7,981.51	532,917	102	435	6.52	1.5	5,973.23	13	324.4	770
5,590.55	370,665	62	498	7.51	1.5	1,076.23	5	58.0	361
35,494.78	2,210,296	467	394	6.33	1.6	93,208.42	87	4,877.1	8,951
5,753.66	289,824	93	260	5.16	2.0	2,231.69	9	150.7	511
3,711.89	127,780	65	163	4.76	2.9	3,154.90	6	156.2	316
1,679.45	82,351	39	176	3.59	2.0	5,480.16	36	168.1	189
987.36	47,692	28	141	2.94	2.1	4,920.36	6	208.9	213
2,385.44	77,592	43	150	4.62	3.1	345.55	2	11.8	231
2,210.32	98,179	69	119	2.67	2.3	710.60	9	49.1	244
3,033.81	119,936	54	185	4.68	2.5	1,562.63	8	61.2	286
6.218.65	324,887	100	271	5.18	1.9	9,601.47	17	615.7	522
4,462.32	216,169	90	200	4.13	2.1	3,130.31	10	130.2	440
2.165.66	93,873	22	356	8.20	2.3	2,710.51	2	104.5	152
3,907.11	162,070	56	241	5.81	2.4	41,560.16	11	1,626.0	437
6,160.72	454,734	72	526	7.13	1.4	7,571.46	12	500.2	827
8,569.21	381,430	129	246	5.54	2.2	4,486.11	7	192.8	698
1,045.36	44,250	27	137	3.23	2.3	....	......	....	277
5,353.63	243,634	86	236	5.19	2.2	3,251.89	13	144.5	504
3.264.97	172,839	63	229	4.32	1.9	....	......	....	280
7,043.39	379,572	122	259	4.81	1.9	4,931.64	11	246.1	1,018
245.33	7,559	7	90	2.92	3.2	379.91	3	12.3	51
1,089.44	44,500	21	177	4.32	2.4	3,148.46	4	117.7	130
1,720.80	112,426	18	520	7.97	1.5	....	......	....	100
1,662.69	60,796	24	211	5.77	2.7	....	......	....	120
4,764.89	317,282	81	326	4.90	1.5	2,435.21	15	166.2	553
9,223.59	537,929	145	309	5.30	1.7	8,001.94	23	502.8	792
2,105.72	60.768	50	101	3.51	3.5	2,449.77	2	84.4	186
1,581.87	88,040	35	210	3.77	1.8	68.08	2	4.0	217
2,758.60	141,249	68	173	3.38	2.0	2,222.94	8	121.9	350
893.99	28,665	10	239	7.45	3.1	461.37	1	17.3	74
2,068.44	76,791	31	206	5.56	2.7	....	......	....	158
2,124.89	111,935	9	1,046	19.67	1.9	265.63	1	10.0	125
2,123.66	124,739	42	247	4.21	1.7	3,776.78	3	156.1	222
2,465.06	130,938	33	331	6.22	1.9	4,859.30	9	256.8	182
33,253.98	2,424,045	488	414	5.68	1.4	44,685.89	55	2,162.4	7,214
10,261.12	551,292	121	380	7.07	1.9	18,062.62	22	843.5	754
4.736.39	244,610	79	258	5.00	1.9	4,375.93	15	261.4	427
14,410.79	288,647	106	227	11.33	5.0	2,029.37	3	47.0	695
3,167.05	139,203	55	211	4.80	2.3	5,039.89	7	272.8	255
6,662 05	282,094	97	242	5.72	2.4	9,350.74	12	386.6	731
848.10	27,575	23	100	3.07	3.1	1,638.63	4	61.3	160

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw–hr.		kw–hr.	$ c.	cents
Stamford Twp	S.O.	....	82,353.17	9,846,434	2,731	300	2.51	0.8
Stayner	S.O.	1,028	7,281.14	419,758	332	105	1.83	1.7
Stirling	S.O.	1,006	7,857.15	693,752	293	197	2.23	1.1
Stouffville	S.O.	1,340	8,858.07	764,620	437	146	1.69	1.2
Streetsville	S.O.	707	6,894.49	514,160	217	197	2.65	1.3
Sunderland	S.O.	P.V.	3,588.96	174,081	158	92	1.89	2.1
Sutton	S.O.	*981	10,353.16	594,110	484	102	1.78	1.7
Tara	S.O.	472	3,312.20	199,405	172	97	1.60	1.7
Tavistock	S.O.	1,082	9,435.81	861,168	305	235	2.58	1.1
Teeswater	S.O.	854	4,940.92	266,488	241	92	1.71	1.9
Thamesford	S.O.	P.V.	5,264.18	457,000	156	244	2.81	1.2
Thamesville	S.O.	734	4,314.24	305,728	253	101	1.42	1.4
Thedford	S.O.	598	3,790.10	205,939	200	86	1.58	1.8
Thornbury	S.O.	786	6,189.46	282,300	257	92	2.01	2.1
Thorndale	S.O.	P.V.	2,300.91	116,940	86	113	2.23	2.0
Thornton	S.O.	P.V.	1,378.95	46,530	69	56	1.66	3.0
Tilbury	S.O.	1,929	8,631.97	656,120	546	100	1.32	1.3
Toronto Twp	S.O.	....	117,844.57	9,647,541	3,572	225	2.75	1.2
Tottenham	S.O.	455	4,114.31	216,355	175	103	1.96	1.9
Trafalgar Twp	S.O.	....	31,066.15	1,632,669	622	219	4.16	1.9
Tweed	S.O.	1,250	8,883.35	491,598	340	120	2.18	1.8
Uxbridge	S.O.	1,426	12,448.85	772,750	460	140	2.25	1.6
Victoria Harbour	S.O.	*894	4,155.54	185,250	290	53	1.19	2.2
Wardsville	S.O.	226	1,728.69	95,131	71	112	2.03	1.8
Warkworth	S.O.	P.V.	2,954.48	108,425	158	57	1.56	2.7
Waterdown	S.O.	966	6,836.24	617,320	273	188	2.09	1.1
Waterford	S.O.	1,375	8,085.48	616,230	436	118	1.55	1.3
Watford	S.O.	938	9,377.22	631,130	317	166	2.47	1.5
Waubaushene	S.O.	P.V.	4,268.66	207,370	245	71	1.45	2.1
Wellesley	S.O.	P.V.	3,042.94	182,560	142	107	1.79	1.7
Wellington	S.O.	*917	7,728.71	487,610	347	117	1.86	1.6
West Lorne	S.O.	841	4,615.33	312,630	248	105	1.55	1.5
Westport	S.O.	639	4,626.83	198,462	163	101	2.37	2.3
Wheatley	S.O.	711	4,173.74	264,562	237	93	1.47	1.6
Wiarton	S.O.	1,682	9,284.48	543,087	483	94	1.60	1.7
Williamsburg	S.O.	P.V.	2,030.97	203,730	92	185	1.84	1.0
Winchester	S.O.	959	8,195.17	648,317	312	173	2.19	1.3
Windermere	S.O.	*118	2,432.27	75,852	72	88	2.82	3.2
Woodbridge	S.O.	1,128	9,461.48	880,410	333	220	2.37	1.1
Woodville	S.O.	388	2,669.99	121,900	124	82	1.79	2.2
Wyoming	S.O.	576	3,034.03	152,000	179	71	1.41	2.0
York Township	S.O.	....	532,565.97	50,309,625	22,975	182	1.93	1.1
Zurich	S.O.	P.V.	4,424.47	227,760	164	116	2.25	1.9

* Does not include Summer population.

"D"—Concluded

in Ontario Municipalities Served by the Commission and for Power Service during the year 1945

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw–hr.		kw–hr.	$ c.	cents	$ c.			
17,543.61	1,245,598	173	600	8.45	1.4	23,171.12	23	1,483.5	2,927
4,795.61	226,202	116	163	3.45	2.1	2,894.71	17	203.4	465
4,244.70	226,881	91	208	3.89	1.9	1,778.54	12	108.9	396
5,340.05	333,235	92	301	3.84	1.6	2,602.16	8	150.1	537
2,742.49	126,042	52	202	4.39	2.1	3,018.31	6	163.0	275
1,792.59	84,996	42	169	3.56	2.1	510.95	2	17.4	202
4,708.80	305,550	86	296	4.56	1.5	2,060.50	5	82.9	575
1,817.89	95,891	38	210	3.98	1.9	1,682.14	6	67.1	216
4,988.77	244,784	98	208	4.24	2.0	9,650.09	10	431.1	413
3,320.35	161,830	63	214	4.39	2.1	1,595.29	5	60.8	309
1,806.69	99,808	46	181	3.27	1.8	2,572.90	6	109.7	208
3,303.73	212,328	73	242	3.77	1.6	2,300.24	7	118.5	333
2,880.10	144,744	45	268	5.33	2.0	1,497.44	2	55.1	247
3,426.15	120,688	66	152	4.33	2.8	3,012.88	11	150.9	334
757.68	25,114	22	95	2.87	3.0	1,880.73	3	78.8	111
496.39	19,881	14	118	2.95	2.5	245.94	1	5.0	84
8,158.06	541,185	134	337	5.07	1.5	16,592.75	16	995.3	696
28,943.81	2,043,235	242	704	9.97	1.4	33,148.75	50	1,647.0	3,864
1,472.87	55,295	44	105	2.79	2.7	1,722.63	8	63.2	227
2,915.80	78,927	29	227	8.38	3.7	3,728.61	11	147.8	662
5,850.98	216,216	84	214	5.80	2.7	5,530.27	16	213.8	440
5,888.43	213,670	100	178	4.91	2.7	3,827.77	14	203.4	574
1,128.41	58,635	32	153	2.94	1.9	109.02	1	3.0	323
1,402.21	59,206	20	247	5.84	2.4	41.81	1	3.0	92
1,721.81	77,428	37	174	3.88	2.2	96.29	1	5.5	196
1,739.59	131,074	34	321	4.26	1.3	1,721.86	11	114.1	318
3,980.38	304,685	77	330	4.31	1.3	5,232.89	15	305.0	528
4,795.52	243,740	81	251	4.93	2.0	5,023.11	8	200.8	406
954.63	46,040	23	167	3.46	2.1	510.35	3	17.6	271
1,824.11	91,586	48	159	3.17	2.0	1,439.15	7	72.6	197
3,452.10	161,046	75	179	3.84	2.1	3,984.61	12	215.5	434
4,002.12	241,879	62	325	5.38	1.7	8,272.13	9	360.8	319
3,572.46	138,290	52	222	5.73	2.6	....	.....	....	215
4,945.01	244,671	76	268	5.42	2.0	3,889.09	9	182.8	322
8,412.99	465,002	115	337	6.10	1.8	8,109.01	19	251.7	617
2,362.50	139,229	34	341	5.79	1.7	295.96	1	25.1	127
5,433.51	323,136	90	299	5.03	1.7	2,175.41	3	105.4	405
675.43	19,781	12	137	4.69	3.4	1,019.30	2	39.4	86
2,583.73	154,996	56	231	3.84	1.7	12,687.61	10	727.3	399
1,130.17	37,355	24	130	3.92	3.0	699.00	2	43.6	150
1,962.36	90,600	46	164	3.56	2.2	1,492.49	3	62.4	228
85,994.08	6,115,133	1,117	456	6.42	1.4	163,135.17	225	8,873.6	24,317
3,721.48	124,584	42	247	7.38	3.0	....	.....	....	206

STATEMENT "E"

Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission for the year 1946

In Statement "E" are presented the rate schedules applicable to consumers for domestic service, for commercial light service and for power service in each of the co-operating municipalities receiving service at cost through The Hydro-Electric Power Commission.* The cost per horsepower of the power supplied at wholesale by the Commission to the municipality, an important factor in determining rates to consumers, is also stated.

Cost of Power to Municipalities

The figures in the first column represent the total cost for the year of the power supplied by the Commission to the municipality, divided by the number of horsepower supplied. Details respecting these costs are given in the "Cost of Power" tables relating to the systems, as presented in Section IX, and an explanation of the items making up the cost of power is given in the introduction to that Section.

Rates to Consumers

The Power Commission Act stipulates that "The rates chargeable by any municipal corporation generating or receiving and distributing electrical power or energy shall at all times be subject to the approval and control of the Commission"†. In accordance with the Act and in pursuance of its fundamental principle of providing service at cost, the Commission requires that accurate cost records be kept in each municipality, and exercises a continuous supervision over the rates charged to consumers.

At the commencement of its operations, the Commission introduced scientifically-designed rate schedules for each of the three main classes into which electrical service is usually divided, namely: residential or domestic service, commercial light service, and power service, and the schedules in use during the past year are presented in the tables of this statement.

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*Except townships served as parts of rural power districts, for which consult Section IV.
†R.S.O. 1937, Ch. 62, Sec. 89.

Domestic Service: Domestic rates apply to electrical service in residences, for all household purposes, including lighting, cooking and the operation of all domestic appliances.

During the past few years most of the urban municipal utilities have further simplified the domestic rate structure by abolishing the service charge, and making a suitable adjustment in the first consumption rate. Where the service charge is retained at 33 and 66 cents gross per month the charge of 33 cents per month per service is made when the permanently installed appliance load is under 2,000 watts, and the charge of 66 cents per month when 2,000 watts or more.

Commercial Light Service: Electrical energy used in stores, offices, churches, schools, public halls and institutions, hotels, public boarding-houses, and in all other premises for commercial purposes, including sign and display lighting, is billed at commercial lighting rates.

Water-Heater Service: For all consumers using continuous electric water heaters, low flat rates are available consisting of a fixed charge per month dependent on the capacity of the heating element and the cost of power to the municipal utility. Such heaters are so connected that the electrical energy they consume is not metered. For new installations the necessary equipment, including heater, thermostat, efficient insulation for water-storage tank, and wiring, is installed by a large number of municipal Hydro utilities, without capital cost to the consumer.† The installation of new water-heating services was suspended during the war.

Power Service: The rate schedules given for power service in Statement "E" are those governing the supply of power at retail by each of the local municipal utilities. The Commission serves direct, certain large power consumers under special contracts, on behalf of the systems of municipalities.

The rates for power service, as given in the tables, are the rates for 24-hour unrestricted power at secondary distribution voltage. For service at primary distribution voltage the rates are usually five per cent lower than those stated. In municipalities where load conditions and other circumstances permit, lower rates are available for "restricted power", discounts additional to those listed in the table being applicable.

The service charge relates to the connected load or to the maximum demand, as measured by a 10-minute average peak, where a demand meter is installed. The prompt payment discount of 10 per cent on the total monthly bill is given for settlement within 10 days.

Under the tabulation of rates for power service there is a column headed "Basis of rate 130 hours' monthly use of demand." This column shows approximately the net annual amount payable for a demand of one horsepower, assuming a monthly use of 130 hours, which includes 30 hours' use each month at the third energy rate. Broadly, the figures in this column serve to indicate approximately the relative cost of power service in the different municipalities listed.

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†In addition, the municipal Hydro utilities supply booster water-heating equipment to furnish extra requirements beyond the capacity of the continuous heater; current for the booster heater is measured and charged for at the regular rates.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality c—City t—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month*	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Acton	23.38	....	60	2.3	1.0	0.83	10
Agincourt	23.62	....	60	3.0	1.0	0.83	10
Ailsa Craig	28.18	....	60	2.5	0.9	0.83	10
Alexandria T	30.66	....	60	3.0	1.0	1.11	10
Alliston T	26.79	....	55	3.5	1.0	1.11	10
Almonte	24.80	....	60	2.5	1.0	0.83	10
Alvinston	32.78	....	60	3.5	1.0	0.83	10
Amherstburg T	26.12	....	60	2.5	0.9	0.83	10
Ancaster Twp.	24.75	....	60	3.4	1.0	0.83	10
Apple Hill	28.98	....	60	4.0	1.0	1.39	10
Arkona	39.00	....	60	4.0	1.0	1.11	10
Arnprior T	21.52	....	60	2.8	0.8	0.83	10
Arthur	38.99	....	45	4.5	1.2	1.11	10
Athens	32.88	33–66	50	4.5	1.5	1.11	10
Atikokan	....	56	40	3.5	x1.6 0.75	†1.67 ‡2.25	10
Aurora T	22.33	....	60	2.6	1.0	0.83	10
Aylmer T	24.21	....	60	2.2	0.8	0.83	10
Ayr	26.05	....	60	2.7	1.0	1.11	10
Baden	23.35	....	60	2.4	0.9	0.83	10
Bala T	....	33–66	50	3.7	1.2	1.66	10
Barrie T	19.88	....	60	2.4	0.8	0.83	10
Bath	39.00	....	60	4.8	1.5	2.22	10
Beachville	23.86	....	60	2.8	0.9	0.83	10
Beamsville	20.88	....	60	2.2	0.8	0.83	10
Beardmore Townsite	....	56	40	3.5	x1.6 0.75	†1.67 ‡2.25	10
Beaverton	26.58	....	60	2.8	1.0	1.11	10
Beeton	37.11	....	45	4.0	1.2	1.39	10
Belle River	27.78	....	60	3.0	0.9	1.11	10
Belleville C	18.96	....	55	1.8	0.6	0.83	10
Blenheim T	26.04	....	60	2.3	0.8	0.83	10
Bloomfield	29.95	....	60	2.5	0.9	0.83	10
Blyth	31.51	....	60	2.9	1.0	1.11	10
Bobcaygeon	39.00	....	60	4.0	1.25	1.11	10
Bolton	26.01	....	60	2.9	1.0	0.83	10
Bothwell T	30.79	....	60	2.2	0.75	0.83	10
Bowmanville T	23.35	....	60	2.8	0.9	0.83	10
Bradford	28.69	....	45	4.2	1.0	1.39	10
Braeside	23.21	....	50	4.0	1.3	0.83	10
Brampton T	21.12	....	60	2.1	0.9	0.83	10
Brantford C	20.91	....	60	1.8	0.8	0.83	10

*Where domestic service charge has not been abolished the charge is 33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when 2,000 watts or more.

†2 wire service. ‡3 wire service.

"E"

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.6	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.0	0.6	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.6	0.8	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	3.2	0.9	1.11	10	27.00	1.00	2.3	1.5	0.33	......	......	10
5.0	2.3	1.0	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.0	0.9	0.83	10	38.00	1.00	4.0	2.6	0.33	......	......	10
5.0	2.0	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.9	0.7	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.5	1.0	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	3.5	0.8	1.11	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	2.5	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	4.0	1.0	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	4.5	1.0	1.11	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	1.6	0.4	1.11	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	1.8	0.4	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.2	0.7	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	2.0	0.6	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	3.7	0.8	1.66	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.0	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	5.0	1.0	2.22	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.4	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.8	1.11	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.5	1.0	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.5	0.5	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
4.5	1.5	0.3	0.83	10	14.00	1.00	1.1	0.7	0.33	......	25	10
5.0	1.8	0.5	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.3	0.7	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.4	0.8	1.11	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	5.0	1.0	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.5	0.8	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	1.7	0.3	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.3	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.7	1.0	1.39	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	4.0	1.0	0.83	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	1.7	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
z5.0	1.5	0.35	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10

x2-wire service next 80 kw-hrs, 3-wire service next 180 kw-hrs.
z Minimum 500 watts.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality c—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Brantford Twp.	22.50	....	60	2.6	0.9	1.11	10
Brechin	32.33	....	45	5.5	1.2	1.67	10
Bridgeport	24.52	....	60	3.0	0.9	0.83	10
Brigden	32.83	....	60	3.0	0.9	1.11	10
Brighton	22.75	....	60	3.5	0.9	0.83	10
Brockville T	21.63	....	60	1.8	0.7	0.83	10
Brussels	30.09	....	60	3.2	1.0	1.11	10
Burford	23.85	....	60	2.3	0.8	0.83	10
Burgessville	31.45	....	60	4.0	1.0	1.11	10
Burlington T	22.45				Special		
Burlington Beach or Hamilton Beach	....	....	60	3.5	1.1	0.83	10
Caledonia	23.36	....	60	2.0	0.8	0.83	10
Callander	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Campbellville	36.13	....	60	2.8	1.0	1.11	10
Cannington	25.37	....	60	3.2	1.0	1.11	10
Capreol T	....	....	50	3.6	1.0	1.39	10
Cardinal	21.89	....	55	2.5	1.0	1.11	10
Carleton Place T	20.79	....	55	2.5	0.9	0.83	10
Cayuga	29.63	....	60	3.5	1.0	1.39	10
Chatham C	22.99	....	60	2.8	0.8	0.83	10
Chatsworth	27.39	....	50	3.0	1.0	1.39	10
Chesley T	22.94	....	55	2.5	0.8	1.11	10
Chesterville	25.48	....	55	2.3	0.9	0.83	10
Chippawa	18.75	....	60	2.0	0.8	0.83	10
Clifford	38.51	....	55	3.3	1.1	1.11	10
Clinton T	25.24	....	60	2.2	0.7	0.83	10
Cobden	33.49	....	40	2.8	1.0	1.11	10
Cobourg T	22.70	....	60	2.9	1.0	0.83	10
Colborne	25.30	....	60	3.8	1.0	0.83	10
Coldwater	24.80	33–66	55	2.5	1.0	1.11	10
Collingwood T	21.78	....	55	2.3	0.9	0.83	10
Comber	31.19	....	60	2.9	0.8	0.83	10
Cookstown	25.62	....	45	4.3	1.0	1.39	10
Cottage Cove Townsite	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Cottam	29.57	....	60	3.0	1.0	0.83	10
Courtright	34.82	....	60	3.0	1.1	1.11	10
Creemore	26.82	....	50	3.1	1.0	1.39	10
Dashwood	28.60	....	60	3.5	1.0	0.83	10
Delaware	24.54	....	60	3.4	1.0	0.83	10
Delhi	24.88	....	60	3.2	1.0	0.83	10

* 2-wire service next 80 kw-hrs, 3-wire service next 180 kw-hrs.
† 2-wire service.
‡ 3-wire service.

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	2.2	0.5	1.11	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	4.8	0.8	1.67	10	34.00	1.00	3.4	2.2	0.33	......	......	10
5.0	2.7	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.5	0.7	1.11	10	34.00	1.00	3.4	2.2	0.33	......	......	10
5.0	3.0	0.7	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
4.5	1.6	0.3	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	2.7	0.8	1.11	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	1.8	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.5	0.8	1.11	10	31.00	1.00	2.9	1.9	0.33	......	......	10
			Special							Special		
5.0	3.2	0.7	0.83	10	27.00	1.00	2.3	1.5	0.33	......	......	10
5.0	1.6	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.5	0.8	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.8	0.9	1.11	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	3.2	0.8	1.39	10	31.00	1.00	2.9	1.9	0.33	......	......	10
5.0	2.0	0.8	1.11	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.0	0.7	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.0	0.8	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.2	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.5	0.9	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.7	1.11	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.0	0.9	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	1.6	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.5	1.0	1.11	10	32.00	1.00	3.1	2.0	0.33	......	......	10
5.0	1.9	0.6	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.5	1.0	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.4	0.8	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.0	1.0	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.5	1.0	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	1.8	0.8	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.5	0.6	0.83	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	3.8	1.0	1.39	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.6	0.8	0.83	10	27.00	1.00	2.3	1.5	0.33	......	......	10
5.0	3.2	1.0	1.11	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	2.6	0.9	1.39	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.0	0.8	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	3.0	0.8	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.6	0.8	0.83	10	25.00	1.00	2.0	1.3	0.33	......	......	10

† 2-wire service.
‡ 3-wire service.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality c—City t—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Deseronto..........T	26.44	....	60	3.9	1.0	0.83	10
Dorchester..........	25.25	....	60	2.6	1.0	0.83	10
Drayton............	39.00	....	55	4.0	1.3	1.11	10
Dresden............T	27.89	....	60	2.5	0.8	0.83	10
Drumbo............	26.90	....	60	3.5	1.0	1.11	10
Dublin.............	28.54	....	60	3.5	1.1	1.11	10
Dundalk............	23.85	....	60	2.7	1.0	1.11	10
Dundas............T	20.26	....	60	2.2	0.8	0.83	10
Dunnville..........T	22.20	....	60	1.8	0.7	0.83	10
Durham............T	25.62	....	55	2.5	1.0	0.83	10
Dutton.............	25.75	....	60	2.0	0.8	0.83	10
East York Twp.......	20.47	....	60	2.3	1.0	0.83	10
Elmira.............T	22.22	....	60	2.6	0.8	0.83	10
Elmvale............	27.78	....	60	2.6	1.0	0.83	10
Elmwood...........	29.91	....	50	3.5	0.9	1.11	10
Elora..............	25.71	....	60	2.8	1.0	1.11	10
Embro.............	26.86	....	60	3.3	1.1	0.83	10
Erieau.............	32.27	....	60	3.7	1.0	1.11	10
Erie Beach..........	38.89	....	60	4.5	1.2	1.39	10
Erin...............	....	....	40	5.0	1.5	1.39	10
Essex.............T	25.83	....	60	2.3	0.8	0.83	10
Etobicoke Twp.......	21.12	....	60	2.5	1.0	0.83	10
Exeter..............	25.09	....	60	2.6	0.9	0.83	10
Fergus..............	23.81	....	60	2.6	0.9	1.11	10
Finch...............	28.19	....	45	3.0	1.2	1.39	10
Flesherton..........	26.95	....	60	2.8	1.0	1.11	10
Fonthill............	22.44	....	60	2.8	1.0	0.83	10
Forest.............T	27.45	....	60	3.0	0.9	0.83	10
Forest Hill..........	20.03	....	60	2.5	1.1	0.83	10
Fort William.......C	18.58	....	60	1.8	0.7	0.83	10
Frankford..........	....	....	60	4.5	1.2	0.83	10
Galt...............C	21.10	....	60	2.5	0.7	0.83	10
Gamebridge.........	....	....	45	5.5	1.2	1.67	10
Georgetown.........T	24.60	....	60	2.5	0.9	0.83	10
Geraldton Townsite...	....	....	60	3.7	1.2	1.11	10
Glencoe............	35.00	....	60	3.0	0.9	1.11	10
Glen Williams.......	....	....	60	2.9	1.0	0.83	10
Goderich...........T	26.98	....	60	2.7	0.9	0.83	10
Grand Valley........	31.57	....	60	2.8	1.0	1.11	10
Granton.............	30.13	....	60	3.3	1.0	0.83	10

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	3.5	0.9	0.83	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	2.1	0.8	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.4	0.7	1.11	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.5	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	3.0	0.8	1.11	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	3.0	0.8	1.11	10	34.00	1.00	3.4	2.2	0.33	......	......	10
5.0	2.3	0.8	1.11	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	1.8	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	1.5	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.1	0.8	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	1.7	0.3	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.3	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.2	0.8	0.83	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	3.0	0.8	1.11	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.4	0.6	1.11	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.7	0.7	0.83	10	32.00	1.00	3.1	2.0	0.33	......	......	10
5.0	3.5	0.9	1.11	10	38.00	1.00	4.0	2.6	0.33	2.22	......	10
5.0	4.0	1.0	1.39	10	45.00	1.00	4.9	3.3	0.33	......	......	10
5.0	4.0	1.0	1.39	10	36.00	1.00	3.7	2.4	0.33	......	......	10
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.9	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.1	0.4	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.2	0.4	1.11	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.8	1.0	1.39	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.3	0.8	1.11	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.3	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	2.5	0.6	0.83	10	29.00	1.00	2.6	1.7	0.33	......	......	10
5.0	2.0	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.6	0.3	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	3.5	1.0	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.1	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	4.8	0.8	1.67	10	34.00	1.00	3.4	2.2	0.33	......	......	10
5.0	2.0	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.6	0.8	1.11	10	31.00	1.00	2.9	1.9	0.33	......	......	10
5.0	2.3	0.6	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.3	0.5	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.4	0.8	1.11	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.6	1.0	0.83	10	27.00	1.00	2.3	1.5	0.33	......	......	10

† 2-wire service.
‡ 3-wire service.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality c—City t—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate: Number of kw-hrs. per month	First rate: Per kw-hr. per month	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
	$ c.	cents		cents	cents	$ c.	%
Gravenhurst........t	20.53	....	60	1.8	0.7	0.83	10
Grimsby...........t	22.33	....	60	2.8	1.0	0.83	10
Guelph............c	21.13	....	60	1.8	0.8	0.83	10
Hagersville..........	24.12	....	60	2.3	0.9	0.83	10
Hamilton...........c	19.76	....	60	2.0	0.7	0.83	10
Hanover...........t	20.65	....	60	2.4	1.0	0.83	10
Harriston..........t	29.25	....	55	3.0	1.0	0.83	10
Harrow............t	27.46	....	60	3.2	1.0	0.83	10
Hastings............	26.58	....	45	4.2	1.0	1.11	10
Havelock............	29.80	....	60	2.8	1.0	0.83	10
Hensall.............	30.19	....	60	3.2	1.0	0.83	10
Hepworth...........	....	....	60	4.0	1.2	1.67	10
Hespeler...........t	21.11	....	60	2.7	0.8	0.83	10
Highgate............	29.83	....	60	3.2	0.9	0.83	10
Hislop Townsite......	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Holstein............	39.04	....	60	3.0	1.0	1.11	10
Hudson Townsite.....	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Humberstone........	21.88	....	60	2.2	0.8	0.83	10
Huntsville..........t	23.64	....	60	2.0	0.9	0.83	10
Ingersoll...........t	22.11	....	60	2.3	0.8	0.83	10
Iroquois............	21.38	....	60	2.5	1.0	0.83	10
Jarvis..............	29.96	....	60	2.8	0.9	0.83	10
Kearns Townsite.....	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Kemptville..........	27.88	....	55	3.2	1.0	0.83	10
Kincardine.........t	26.69	....	50	3.1	1.0	1.11	10
King Kirkland Townsite..........	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Kingston...........c	19.63	....	50	1.8	0.6	0.83	10
Kingsville..........t	26.96	....	60	2.6	0.9	0.83	10
Kirkfield............	39.02	....	50	5.0	1.2	1.66	10
Kitchener..........c	20.63	....	60	2.0	0.9	0.83	10
Lakefield...........	22.59	....	55	2.8	1.0	0.83	10
Lambeth............	25.89	....	60	2.6	0.8	0.83	10
Lanark..............	38.02	....	50	3.8	1.2	0.83	10
Lancaster...........	35.34	....	60	3.0	1.0	0.83	10
La Salle............t	27.51	....	60	3.6	1.1	1.11	10
Leamington........t	26.94	....	60	2.0	0.8	0.83	10
Leaside............t	....	....	50	1.8	1.0	0.83	10
Lindsay............t	24.55	....	60	2.3	0.8	0.83	10
Listowel............t	25.62	....	60	2.3	0.9	0.83	10
London............c	20.73	....	60	2.2	0.75	0.83	10
London Twp.........	23.39	....	60	2.9	1.0	1.11	10
Long Branch........	21.51	....	60	2.2	0.8	0.83	10
Lucan..............	24.78	....	60	2.9	0.9	0.83	10
Lucknow............	28.69	....	55	2.7	1.0	1.39	10
Lynden.............	25.22	....	60	3.0	1.0	0.83	10

* 2-wire service next 80 kw-hrs, 3-wire service next 180 kw-hrs.

† 2-wire service. ‡ 3-wire service.

"E"—Continued
Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	1.5	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.3	0.7	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	1.6	0.3	0.83	10	14.00	1.00	1.1	0.7	0.33	......	25	10
5.0	1.8	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
z5.0	1.5	0.35	0.83	10	14.50	a1.00	0.9	0.56	0.25	......	......	10
5.0	2.0	0.7	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.6	0.7	0.83	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.6	0.7	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	3.6	1.0	1.11	10	37.00	1.00	3.8	2.5	0.33	......	......	10
5.0	2.3	0.8	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.7	0.9	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.5	1.0	1.67	10	45.00	1.00	4.9	3.3	0.33	......	......	10
5.0	2.2	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.8	0.7	0.83	10	29.00	1.00	2.6	1.7	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.5	0.8	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	1.7	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.8	0.7	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.8	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.0	0.8	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.3	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.7	1.0	0.83	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.6	0.8	1.11	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	1.5	0.3	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	1.9	0.5	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	4.5	1.0	1.66	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	1.8	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.4	0.8	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.1	0.5	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.3	1.0	0.83	10	38.00	1.00	4.0	2.6	0.33	......	......	10
5.0	2.5	1.0	0.83	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	3.2	0.9	1.11	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	1.7	0.4	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
z5.0	1.9	0.35	0.83	10	18.50	a1.00	1.5	0.9	0.25	......	......	10
5.0	1.9	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.0	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	1.7	0.3	0.83	10	14.00	1.00	1.1	0.7	0.33	......	25	10
5.0	2.5	0.6	1.11	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.4	0.5	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.2	0.8	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.5	0.8	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10

z Minimum 500 watts. a $1.00 per kw. † 2-wire service. ‡ 3-wire service.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate: Number of kw-hrs. per month	First rate: Per kw-hr. per month	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
	$ c	cents		cents	cents	$ c.	%
MacTier	....	....	50	4.7	1.6	1.66	10
Madoc	28.39	....	60	2.8	1.0	0.83	10
Markdale	23.91	....	60	2.0	1.0	0.83	10
Markham	23.48	....	60	2.8	1.0	0.83	10
Marmora	28.41	....	60	3.6	1.0	0.83	10
Martintown	26.13	....	50	3.0	1.0	1.11	10
Matachewan Townsite	....	....	50	4.5	1.0	1.11	10
Maxville	29.10	....	55	3.1	1.0	0.83	10
Meaford ... T	25.07	....	60	2.6	1.0	0.83	10
Merlin	28.78	....	60	2.8	0.9	0.83	10
Merritton ... T	18.58	....	60	2.2	0.9	0.83	10
Midland ... T	20.47	....	60	2.3	0.8	0.83	10
Mildmay	26.21	....	50	2.8	1.0	1.39	10
Millbrook	27.49	....	60	4.6	1.0	0.83	10
Milton ... T	22.82	....	60	2.8	0.9	0.83	10
Milverton	26.43	....	60	2.5	1.0	0.83	10
Mimico ... T	20.50	....	60	2.2	0.9	0.83	10
Mitchell ... T	23.89	....	60	2.8	1.0	0.83	10
Moorefield	38.07	....	60	3.2	1.0	1.39	10
Mooretown Townsite	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Morrisburg	22.64	....	60	3.0	1.0	0.83	10
Mount Brydges	25.95	....	60	2.4	0.8	0.83	10
Mount Forest ... T	29.35	....	60	2.8	1.0	0.83	10
Napanee ... T	22.62	....	60	2.8	0.9	0.83	10
Neustadt	28.78	....	60	3.0	1.0	1.39	10
Newburg	....	....	60	5.0	1.5	1.39	10
Newbury	32.56	....	60	4.0	1.0	1.11	10
Newcastle	23.75	....	60	3.0	0.9	1.11	10
New Hamburg	23.89	....	60	2.7	0.9	0.83	10
Newmarket ... T	22.86	....	60	2.4	0.8	0.83	10
New Toronto ... T	22.77	....	60	2.2	0.8	0.83	10
Niagara Falls ... C	16.41	....	60	1.7	0.6	0.83	10
Niagara-on-the-Lake T	18.87	....	60	2.4	1.0	0.83	10
Nipigon Twp.	22.74	....	60	2.8	1.0	1.11	10
Nipissing	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
North Bay ... C	....	....	60	2.3	0.9	0.83	10
North York Twp.	21.27	....	60	2.4	0.9	0.83	10
Norwich	24.31	....	60	2.5	0.8	0.83	10
Norwood	23.19	....	50	3.8	1.0	1.11	10
Oil Springs	27.60	....	60	2.6	0.9	1.11	10

* 2-wire service next 80 kw-hrs, 3-wire service next 180 kw-hrs.
† 2-wire service.
‡ 3-wire service.

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	4.4	1.0	1.66	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	2.5	0.8	0.83	10	33.00	1.00	3.2	2.1	0.33	......	......	10
5.0	1.8	0.8	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.4	0.6	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.2	0.9	0.83	10	32.00	1.00	3.1	2.0	0.33	......	......	10
5.0	3.0	1.0	1.66	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.8	1.0	0.83	10	45.00	1.00	4.9	3.3	0.33	......	......	10
5.0	2.2	0.8	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	2.3	0.6	0.83	10	27.00	1.00	2.3	1.5	0.33	......	......	10
5.0	1.6	0.5	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	1.8	0.7	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.4	0.8	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	4.2	1.0	0.83	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.3	0.5	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.2	0.7	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	1.9	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.3	0.6	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.8	0.9	1.39	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.7	0.8	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	1.8	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.3	0.8	0.83	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	2.4	0.7	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.5	0.8	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	4.5	1.5	1.39	10	45.00	1.00	4.9	3.3	0.33	......	......	10
5.0	3.5	0.9	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.5	0.8	1.11	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.2	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.2	0.7	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	1.6	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	1.5	0.35	0.83	10	14.00	1.00	1.1	0.7	0.33	......	25	10
5.0	2.0	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.4	0.8	1.11	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	1.8	0.8	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.2	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.1	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.3	0.8	1.11	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.4	0.6	1.11	10	27.00	1.00	2.3	1.5	0.33	......	......	10

† 2-wire service.
‡ 3-wire service.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality c—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate: Number of kw-hrs. per month	First rate: Per kw-hr. per month	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
	$ c.	cents		cents	cents	$ c.	%
Omemee	24.51	....	60	3.3	1.0	0.83	10
Orangeville T	26.19	....	55	2.8	1.0	1.11	10
Orono	27.19	....	60	4.5	1.0	1.11	10
Oshawa C	22.55	....	60	3.0	1.0	0.83	10
Ottawa C	15.06	33–66	60 60	2.0 1.0	0.5	0.83	10
Otterville	27.60	....	60	2.6	0.9	0.83	10
Owen Sound C	21.75	....	60	2.1	0.8	0.83	10
Paisley	28.87	....	50	4.0	1.0	1.39	10
Palmerston T	27.96	....	60	2.6	1.0	1.11	10
Paris T	21.31	....	60	2.2	0.9	0.83	10
Parkhill T	32.13	....	60	3.0	1.0	0.83	10
Penetanguishene T	22.03	....	60	2.4	0.9	0.83	10
Perth T	21.75	....	55	2.8	1.0	0.83	10
Peterborough C	19.73	....	60	2.0	0.9	0.83	10
Petrolia T	25.74	....	60	2.7	0.8	0.83	10
Picton T	24.88	....	60	2.0	0.8	0.83	10
Plattsville	30.09	....	60	3.0	1.0	0.83	10
Point Edward	26.38	....	60	3.0	1.0	0.83	10
Port Arthur C	18.52	....	50	1.7	0.6	0.83	10
Port Carling	....	33–66	45	4.7	1.5	1.66	10
Port Colborne T	21.68	....	60	2.5	0.8	0.83	10
Port Credit	21.95	....	60	2.1	0.9	0.83	10
Port Dalhousie	21.35	....	60	2.4	1.0	0.83	10
Port Dover	26.95	....	60	2.2	0.8	0.83	10
Port Elgin	28.65	33–66	40	2.5	1.2	1.11	10
Port Hope T	22.96	....	60	2.2	0.9	0.83	10
Port McNicoll	22.66	....	60	3.3	1.0	0.83	10
Port Perry	28.26	....	50	4.0	1.2	1.11	10
Port Rowan	31.79	....	60	3.0	1.0	0.83	10
Port Stanley	26.98	....	60	2.6	0.9	0.83	10
Powassan T	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Prescott T	21.71	....	60	2.5	1.1	0.83	10
Preston T	20.86	....	60	2.5	0.8	0.83	10
Priceville	38.89	....	60	3.5	1.0	1.39	10
Princeton	31.03	....	60	3.0	1.0	1.39	10
Queenston	19.57	....	60	2.3	0.9	0.83	10
Ramore-Matheson	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Red Lake Townsite	....	56	40	3.5	*1.6 0.75	†1.67 ‡2.25	10
Renfrew T	23.89	....	45	3.5	1.0	0.33	10
Richmond	30.59	....	40	4.3	1.2	1.67	10

* 2-wire service next 80 kw-hrs, 3-wire service next 180 kw-hrs.

† 2 wire service.

‡ 3-wire service.

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	2.8	0.8	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.8	1.11	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	4.0	0.8	1.11	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.5	0.7	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.1	0.5	0.83	10	18.00	1.00	1.8	1.2	0.15	......	15 & 10	10
5.0	2.2	0.5	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	1.8	0.7	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	3.5	0.8	1.39	10	35.00	1.00	3.5	2.3	0.33	......	......	10
5.0	2.2	0.8	1.11	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	1.7	0.4	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	2.5	0.8	0.83	10	29.00	1.00	2.6	1.7	0.33	......	......	10
5.0	2.1	0.7	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.0	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	1.8	0.7	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.1	0.5	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	1.7	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.5	0.8	0.83	10	26.00	1.00	2.2	1.4	0.33	2.00	......	10
5.0	2.4	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
4.5	1.5	0.3	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	4.5	0.8	1.66	10	32.00	1.00	3.1	2.0	0.33	......	......	10
5.0	2.2	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.8	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	1.9	0.6	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	1.7	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.5	0.8	1.11	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	1.9	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.8	0.8	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	3.2	1.0	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	2.5	0.8	0.83	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	2.2	0.5	0.83	10	24.00	1.00	2.3	1.5	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.2	1.0	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.0	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	3.0	1.0	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.7	0.8	1.39	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	1.8	0.7	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	3.5	1.0	†1.67 ‡2.25	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.5	0.50	10	....	1.00	2.1	1.4	0.33	......	......	10
5.0	4.0	1.0	1.67	10	35.00	1.00	3.5	2.3	0.33	......	......	10

† 2-wire service. ‡ 3-wire service.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality c—City t—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Richmond Hill	22.34	....	60	2.2	0.8	0.83	10
Ridgetown ... t	26.16	....	60	2.0	0.8	0.83	10
Ripley	34.82	....	55	4.8	1.0	1.67	10
Riverside ... t	26.15	....	60	2.8	0.9	0.83	10
Rockwood	25.60	....	60	2.8	1.0	0.83	10
Rodney	31.89	....	60	2.4	0.8	0.83	10
Rosseau	39.04	....	60	4.0	2.0	2.22	10
Russell	30.45	....	55	4.6	1.2	1.39	10
St. Catharines ... c	18.71	....	60	1.8	0.8	0.83	10
St. Clair Beach	29.54	....	60	3.5	1.0	1.11	10
St. George	27.84	....	60	2.5	0.9	0.83	10
St. Jacobs	22.65	....	60	2.4	0.9	0.83	10
St. Marys ... t	24.96	....	60	3.0	1.0	0.83	10
St. Thomas ... c	21.79	....	60	2.4	0.8	0.83	10
Sarnia ... c	23.81	....	60	2.5	0.8	0.83	10
Scarborough Twp.	21.92	....	60	2.3	0.9	0.83	10
Seaforth ... t	24.20	....	60	2.6	1.0	0.83	10
Shelburne	26.51	....	60	2.7	1.0	1.11	10
Simcoe ... t	22.26	....	60	2.0	0.7	0.83	10
Sioux Lookout ... t	....	....	60	4.5	1.5	2.00	10
Smiths Falls ... t	19.97	....	60	2.5	0.8	0.83	10
Smithville	24.26	....	60	3.0	0.9	0.83	10
Southampton ... t	27.63	....	40	3.2	1.0	1.11	10
Springfield	29.72	....	60	3.4	0.9	0.83	10
Stamford Twp.	16.53	....	60	2.3	0.8	0.83	10
Stayner ... t	24.11	....	55	3.0	1.0	0.83	10
Stirling	19.53	....	60	2.3	0.9	0.83	10
Stoney Creek	....	....	60	3.5	1.1	0.83	10
Stouffville	25.32	....	60	2.1	0.8	0.83	10
Stratford ... c	22.34	....	60	2.6	0.9	0.83	10
Strathroy ... t	22.74	....	60	2.6	0.8	0.83	10
Streetsville	23.74	....	60	2.8	1.0	0.83	10
Sudbury ... c	....	....	60	2.4	1.0	0.83	10
Sunderland	31.16	....	60	3.5	1.0	1.11	10
Sutton	30.85	....	60	2.7	1.0	1.11	10
Swansea	23.66	....	60	2.1	0.9	0.83	10
Tara	27.48	....	55	2.6	1.0	1.11	10
Tavistock	25.10	....	60	2.5	0.9	0.83	10
Tecumseh ... t	27.65	....	60	3.0	0.9	0.83	10
Teeswater	29.69	....	60	3.0	1.0	1.11	10
Thamesford	25.91	....	60	2.7	0.9	0.83	10
Thamesville	26.65	....	60	2.1	0.8	0.83	10
Thedford	37.49	....	60	3.6	1.0	0.83	10
Thornbury	33.72	....	60	3.5	1.0	0.83	10
Thorndale	31.19	....	60	3.8	1.0	0.83	10

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	1.8	0.4	0.83	10	18.00	1.00	1.9	1.2	0.33	......	..25	10
5.0	1.6	0.4	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	4.3	0.8	1.67	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.3	0.5	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.3	0.7	0.83	10	25.00	1.00	2.0	1.3	0 33	....	.....	10
5.0	2.1	0.5	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	4.0	2.0	2.22	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	4.3	1.0	1.39	10	50.00	1.00	5.7	3.8	0.33	......	......	10
z5.0	1.5	⅓	a0.83	10	14.00	1.00	1.1	0 7	0.33	......	25	10
5.0	3.2	0.9	1.11	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.6	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.0	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.5	0.7	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	1.7	0.3	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	1.9	0.4	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	1.8	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.1	0.7	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.3	0.9	1.11	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	1.6	0.4	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	4.5	1.5	b1.00	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	2.0	0.3	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.5	0.7	0.83	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.8	0.8	1.11	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.9	0.8	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.5	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	2.3	0.9	0.83	10	21.00	1.00	1.8	1.1	0.33	......	..10	10
5.0	1.8	0.8	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	3.2	0.7	0.83	10	27.00	1.00	2.3	1.5	0.33	......	......	10
5.0	1.8	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.0	0.4	0.83	10	18 00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.0	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.3	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.4	0.8	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.0	0.8	1.11	10	33.00	1.00	3.2	2.1	0.33	......	......	10
5.0	2.4	0.7	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	1.7	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.2	0.8	1.11	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.0	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.5	0.5	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.6	0.8	1.11	10	34.00	1.00	3.4	2.2	0.33	......	......	10
5.0	2.1	0.6	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	1.7	0.4	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.2	0.7	0.83	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	3.0	0.8	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.2	0.9	0.83	10	32.00	1.00	3.1	2.0	0.33	......	......	10

a $0.83 or $0.83 per kw.
b Per 100 watts–Min. $2.00 Max. $5.00.
z Minimum 500 watts.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1946, in Urban Municipalities

Municipality c—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Thornton	31.45	....	60	3.8	1.0	1.39	10
Thorold T	19.65	....	60	1.8	0.7	0.83	10
Tilbury T	26.07	....	60	2.0	0.75	0.83	10
Tillsonburg T	23.08	....	60	2.2	0.75	0.83	10
Toronto C	19.98	....	50	1.8	1.0	0.83	10
Toronto Twp.	22.19	....	60	2.7	1.0	1.11	10
Tottenham	38.28	....	50	3.5	1.0	1.39	10
Trafalgar Twp.	24.43	a 28	60	3.5	1.5	*0.83	10
Trenton T	18.49	....	60	1.8	0.6	0.83	10
Tweed	31.27	....	50	3.8	1.0	0.83	10
Uxbridge T	28.12	....	60	3.1	1.0	1.11	10
Victoria Harbour	26.90	....	60	2.4	0.9	1.11	10
Walkerton T	21.27	....	50	3.2	1.1	1.11	10
Wallaceburg T	24.80	....	60	2.6	0.8	0.83	10
Wardsville	33.79	....	60	3.6	0.9	1.11	10
Warkworth	31.53	....	50	3.5	1.2	1.11	10
Waterdown	22.97	....	60	2.2	0.8	0.83	10
Waterford	23.05	....	60	2.1	0.8	0.83	10
Waterloo T	20.80	....	60	1.8	0.7	0.83	10
Watford	27.92	....	60	3.0	1.0	0.83	10
Waubaushene	22.53	....	55	3.0	1.0	1.11	10
Welland C	19.03	....	60	1.7	0.6	0.83	10
Wellesley	26.90	....	60	2.8	1.0	0.83	10
Wellington	24.28	....	60	2.7	1.0	0.83	10
West Lorne	27.80	....	60	2.4	0.8	0.83	10
Weston T	20.27	....	60	2.0	0.8	0.83	10
Westport	36.28	....	50	4.0	1.0	1.94	10
Wheatley	33.87	....	60	2.5	0.8	0.83	10
Whitby T	22.03	....	60	2.5	0.9	0.83	10
Wiarton T	30.36	....	50	2.8	0.9	1.11	10
Williamsburg	23.25	....	60	2.0	0.8	0.83	10
Winchester	23.93	....	60	2.3	1.0	0.83	10
Windermere	38.97	....	60	4.0	1.5	2.22	10
Windsor C	23.33	....	60	2.6	0.7	0.83	10
Wingham T	26.86	....	50	3.2	1.1	1.11	10
Woodbridge	22.75	....	60	2.4	0.8	0.83	10
Woodstock C	21.27	....	60	2.3	0.75	0.83	10
Woodville	30.70	....	50	3.8	1.0	1.11	10
Wyoming	29.49	....	60	3.0	0.9	0.83	10
York Twp.	19.92	....	60	2.0	0.8	0.83	10
Zurich	32.73	....	60	3.6	1.0	0.83	10

* Under 10 kw, 83 cents; over 10 kw $2.22 in former Area No. 1. Under 10 kw, $1.11; over 10 kw $2.22 in former Area No. 2.

a Service charge in former Area No. 2.

"E"—Concluded

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	3.3	1.0	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	1.3	0.35	0.83	10	14.00	1.00	1.1	0.7	0.33	......	25	10
5.0	1.6	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	1.7	0.4	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
†5.0	1.9	0.35	0.83	10	18.50	‡.1.00	1.5	0.9	0.25	......	......	10
						d.D.C.	3.2	1.2	0.6			
5.0	2.2	0.6	1.11	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.0	1.0	1.39	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	2.8	0.7	0.83	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	1.6	0.3	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	3.3	1.0	0.83	10	29.00	1.00	2.6	1.7	0.33	......	......	10
5.0	2.7	0.8	1.11	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	2.0	0.7	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	2.4	0.9	1.11	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	2.0	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	3.2	0.8	1.11	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	3.0	1.0	1.11	10	32.00	1.00	3.1	2.0	0.33	......	......	10
5.0	1.8	0.5	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	1.6	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	1.6	0.4	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.6	0.8	0.83	10	26.00	1.00	2.2	1.4	0.33	......	......	10
5.0	2.2	1.0	1.11	10	33.00	1.00	3.2	2.1	0.33	......	......	10
5.0	1.5	0.3	0.83	10	14.00	1.00	1.1	0.7	0.33	......	25	10
5.0	2.4	0.8	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.3	0.8	0.83	10	27.00	1.00	2.3	1.5	0.33	......	......	10
5.0	2.1	0.5	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10..
5.0	1.5	0.4	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	3.5	1.0	1.94	10	45.00	1.00	4.9	3.3	0.33	......	......	10
5.0	2.4	0.5	0.83	10	25.00	1.00	2.0	1.3	0.33	......	......	10
5.0	2.0	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	2.3	0.8	1.11	10	33.00	1.00	3.2	2.1	0.33	......	......	10
5.0	2.0	0.8	0.83	10	32.00	1.00	3.1	2.0	0.33	......	......	10
5.0	1.8	0.8	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	4.0	1.5	2.22	10	40.00	1.00	4.3	2.8	0.33	......	......	10
5.0	2.1	0.5	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.6	0.8	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	2.0	0.5	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	1.7	0.4	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	2.8	0.8	1.11	10	28.00	1.00	2.5	1.6	0.33	......	......	10
5.0	2.5	0.6	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10
5.0	1.8	0.5	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	3.1	0.8	0.83	10	30.00	1.00	2.8	1.8	0.33	......	......	10

† Minimum 500 watts. ‡ $1.00 per kw per month.

d D.C.—Service charge $1.50 per kw per month for first 7½ kw plus $1.05 per kw for all additional demand.

APPENDIX I

ACTS

CHAPTER 73

An Act to amend The Power Commission Act.

Assented to March 27th, 1946.

Session Prorogued April 5th, 1946.

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Rev. Stat., c. 62, s. 3, amended.

1.—(1) Section 3 of *The Power Commission Act* is amended by inserting after the word "chairman" in the second line the words "and may appoint another member of the Commission to be vice-chairman", so that subsection 1 of the said section shall now read as follows:

Chairman, vice-chairman, quorum.

> (1) The Lieutenant-Governor in Council may appoint one of the members of the Commission to be chairman and may appoint another member of the Commission to be vice-chairman of the Commission, and two members shall form a quorum.

Rev. Stat., c. 62, s. 3, amended.

(2) The said section 3 is further amended by adding thereto the following subsection:

Powers of vice-chairman.

> (2) In case of the absence or illness of the chairman or of there being a vacancy in the office of chairman, the vice-chairman shall act as and have all the powers of the chairman.

Rev. Stat., c. 62, s. 6, subs. 4, re-enacted

2.—(1) Subsection 4 of section 6 of *The Power Commission Act* is repealed and the following substituted therefor:

No action against Commission without consent of Attorney-General.

> (4) Without the consent of the Attorney-General no action of any kind whatsoever shall be brought against the Commission, and without the consent of the Attorney-General no action of any kind whatsoever shall be

brought against any member of the Commission for anything done or omitted by him in the exercise of his office.

Rev. Stat., c. 62, s. 6 subss. 6, 7, 8, 9, repealed.

(2) Subsections 6, 7, 8 and 9 of the said section 6 are repealed.

Rev. Stat., c. 62, s. 7, subs. 1, cl. c, subcl. iii, re-enacted.

3.—(1) Subclause iii of clause *c* of subsection 1 of section 7 of *The Power Commission Act* is repealed and the following substituted therefor:

(iii) the amount billed against each municipality at interim rates on account of the cost of power supplied in the fiscal year, and the balance credited or charged to each municipality in respect of the annual adjustment of the cost of power.

Rev. Stat., c. 62, s. 7, subs. 1, cl. f, re-enacted.

(2) Clause *f* of subsection 1 of the said section 7 is repealed and the following substituted therefor:

Indebtedness to Commission.

(*f*) a statement summarizing the amount of the indebtedness due or owing by municipal or other corporations and persons as at the 31st day of October last preceding in respect of,

(i) construction of works, sale of electrical equipment, apparatus or supplies and services rendered,

(ii) power bills, and

(iii) other indebtedness, if any,

and such statement shall also indicate the total amount of debts that are three months or more overdue.

Rev. Stat., c. 62, s. 9, re-enacted.

4. Section 9 of *The Power Commission Act* is repealed and the following substituted therefor:

Application of income of Commission.

9. The income of the Commission shall be applied by the Commission,—

(*a*) to meet the necessary operating expenses;

(*b*) to the preservation, improvement, supervision, renewal, repair, maintenance and insurance of its works;

(*c*) to the payment of the remuneration and expenses of the commissioners and the officers and others employed by the Commission;

(*d*) for the operations of the Commission under sections 43 and 56 and to meet obligations, charges and expenses arising from time to time in the course of such operations;

(*e*) to meet interest expense and expenses of debt service and interest credited on the balances remaining from time to time to the credit of reserve accounts which are established under the authority of this Act;

(*f*) to provide reserves authorized by sections 11, 12 and 14; and

(*g*) to such other purposes as may be authorized or required by this Act.

5. Section 11 of *The Power Commission Act* is repealed and the following substituted therefor: Rev. Stat., c. 62, s. 11, re-enacted.

11.—(1) The Commission may establish and maintain reserve accounts for the following purposes,— Reserve accounts for,—

(*a*) to provide for the renewal, reconstruction and repair of works constructed or operated by the Commission; renewals;

(*b*) to meet any expenditures or costs caused by or arising from injury to, or destruction, obsolescence or loss of use of any works or other property of the Commission and to meet other contingencies arising in the operations of the Commission and to provide for such part of the cost of properties to be acquired or which have been acquired as is not allocated to specific works; and contingencies;

(*c*) to provide a reserve as insurance against loss or damage to any property of the Commission or loss or damage to the persons or property of others caused by or arising from the works or operations of the Commission, insurance.

and may place to the credit of such reserve accounts and expend, use, apply, utilize and appropriate therefrom for the purposes of this section such amounts as may in the opinion of the Commission be sufficient for the purposes of this section.

(2) The Commission may place to the credit of such reserve accounts interest at such rates as the Commission shall deem equitable and just upon the balances remaining from time to time to the credit of such reserve accounts. Interest.

6. Section 13 of *The Power Commission Act* as amended by section 27 of *The Statute Law Amendment Act, 1942*, and section 1 of *The Power Commission Amendment Act, 1943*, is repealed and the following substituted therefor: Rev. Stat., c. 62, s. 13, re-enacted.

13. The Commission may, in its discretion, invest any funds not required in carrying out the objects of the Commission in the debentures or other securities of the Dominion of Canada or of the Province of Ontario, or in securities guaranteed as to principal and interest by either of them. Investment of funds in Government securities.

Rev. Stat., c. 62, s. 15, re-enacted.

7. Section 15 of *The Power Commission Act* is repealed and the following substituted therefor:

Application of funds set apart as sinking fund.

15. All funds set apart by the Commission as a sinking fund under the provisions of section 14 shall be used or employed,—

(*a*) towards repayment of advances made by the Province of Ontario to the Commission as provided in section 37*a* and towards the retirement of other indebtedness incurred or assumed by the Commission;

(*b*) to restore reserves or other funds of the Commission utilized for the payment of the cost of works; and

(*c*) to purchase and hold for sinking fund purposes securities in which the Commission is authorized to invest under section 13.

Rev. Stat., c. 62, s. 21, subs. 2, cls. a, b, re-enacted.

8. Clauses *a* and *b* of subsection 2 of section 21 of *The Power Commission Act* are repealed and the following substituted therefor:

To acquire lands, waters, powers and works.

(*a*) acquire by purchase, lease or otherwise, land, waters, water privileges, water powers, buildings and works used for, or adapted or useful for, or capable of being used or made useful for generating, transforming, transmitting, distributing or selling electric or other power or energy; enter upon, take possession of, expropriate, acquire and use any such land, waters, water privileges, water powers, buildings and works without the consent of the owner thereof, or of any person in any manner entitled to any right, title, interest, claim or demand thereto or therein; and have and hold them however acquired or obtained, and develop, utilize, use, maintain, operate and improve them for any of the purposes of this Act;

To acquire assets and undertaking of companies.

(*b*) acquire by purchase the whole or any part of the property, assets and undertaking of Dominion Power and Transmission Company Limited or of any other corporation engaged in the production or sale of electric or other power or energy, including shares held or owned by the Company or other corporation in any other company or companies of any kind or nature whatsoever, and to acquire the whole or any part of the properties, assets and undertakings of such other company or companies and to hold, develop, utilize, use, maintain, operate and improve any property or properties so acquired.

9. *The Power Commission Act* is amended by adding thereto the following section: Rev. Stat., c. 62, amended.

37*a*.—(1) The advances received by the Commission under the authority of sections 35, 36 and 37 shall be repayable according to Schedule A to this Act. Repayment of advances.

(2) Notwithstanding anything in this Act the Commission may in addition to the repayments provided for under subsection 1 make further repayments on account of the advances by the Province to the Commission from time to time out of funds in its hands. Further repayment.

10. Subsection 2 of section 47 of *The Power Commission Act* is amended by inserting after the figures "61" in the tenth line the words "and an amount to be determined by the Commission to be provided for the purposes of section 11", so that the said subsection shall now read as follows: Rev. Stat., c. 62, s. 47, subs. 2, amended.

(2) His Majesty the King may enter into an agreement or agreements with the Commission, relating to any or all of the works mentioned in subsection 1, providing for payment to the Commission out of the Consolidated Revenue Fund of the Province the amounts from time to time by which the revenues which have been or may hereafter be derived from such works are or may be insufficient to meet in full the annual costs and charges in connection therewith as determined by the Commission, including the items set forth in clauses *a*, *b* and *c* of section 61 and an amount to be determined by the Commission to be provided for the purposes of section 11, and such agreement or agreements when executed by the President of the Executive Council representing His Majesty and the Commission shall be valid and binding on the Province and the Commission respectively. Agreements between Crown and the Commission as to undertakings in territorial districts.

11. Clauses *a*, *b*, *c* and *d* of section 61 of *The Power Commission Act* are repealed and the following substituted therefor: Rev. Stat., c. 62, s. 61, cls. a, b, c, d, re-enacted.

(*a*) the cost of operating, maintaining, renewing and insuring the works and the cost of administration of the Commission;

(*b*) interest and expenses of debt service and interest credited on the balances remaining from time to time to the credit of reserve accounts established under the authority of this Act;

(*c*) an annual sum sufficient to form in forty years, with interest at four per centum per annum, a sinking fund for the repayment of the advances made by the Province of Ontario under this Act for the cost of the works, for the repayment of any other indebtedness incurred or assumed by the Commission in respect of the cost of the works, and for the restoration of any reserve or other funds of the Commission utilized for the payment of the cost of the works; and

(*d*) an amount to be determined by the Commission for the purposes of sections 11 and 12.

Rev. Stat., c. 32, s. 71a (1939, c. 35, s. 3), amended.

12. Section 71*a* of *The Power Commission Act* as enacted by section 3 of *The Power Commission Amendment Act, 1939* is amended by adding at the end thereof the words "and may upon such terms as it deems proper, sell, lease or otherwise dispose of any lands and works acquired or held for the purposes of this Part", so that the said section shall now read as follows:

Powers given to Commission.

71*a*. For the purposes of this Part, the Commission may exercise any of the powers which the Commission may exercise or be authorized to exercise under Part I and may upon such terms as it deems proper, sell, lease or otherwise dispose of any lands and works acquired or held for the purposes of this Part.

Rev. Stat., c. 62, s. 90, re-enacted.

13. Section 90 of *The Power Commission Act* is repealed and the following substituted therefor:

System of bookkeeping.

90.—(1) The Commission may prescribe for any municipal corporation or municipal commission receiving electrical power or energy from the Commission for distribution a system of bookkeeping and keeping accounts of the assets, liabilities, revenues and expenditures in respect of the production, development, distribution or sale of electrical power or energy or the dealing in electrical fittings, fixtures, appliances, machines or equipment.

Returns and statements.

(2) The Commission may require from any municipal corporation or municipal commission which owns, operates, controls or manages an electrical public utility receiving electrical power or energy from the Commission for distribution such returns and statements as the Commission may deem proper, and the Commission shall have access to and the right to inspect the books, records, minutes, statements and returns relating to such electrical public utility and to extract therefrom such information as in the opinion of the Commission may be useful for publication and to embody any of the information in the reports of the Commission.

Rev. Stat., c. 62, amended.

14. *The Power Commission Act* is amended by adding thereto the following section:

Utilization of funds.

95*a*. A municipal corporation or municipal commission receiving electrical power or energy from the Commission for distribution may, subject to the approval of the Commission, utilize funds in its hands derived from or pertaining to the electric utility for which such power or energy is received and not required for current operating expenses or current working capital thereof in the following manner and not otherwise,—

Reduction of indebtedness.

(*a*) in the reduction of any indebtedness incurred with respect to the construction and equipment of works for the production, development, distribution or sale of electrical power or energy; or

Erection of buildings.

(*b*) in purchasing or otherwise acquiring a site and erecting thereon buildings for the occupation and use of the municipal commission as offices and for other business purposes, subject to the approval by the Commission of the site and cost of the plans of any such building, and, subject to such approval, any such office building may be larger than is required for the immediate use of the municipal commission, and any part of such building not immediately required for the use of the municipal commission may be leased by it to the corporation or to any other municipal commission for the purpose of any public utility in the municipality; or

Renewal of buildings.

(*c*) in the renewal of such buildings; or

Extension of works.

(*d*) in the extension of works for the production, development, distribution or sale of electrical power or energy; or

Purchase of marketable securities.

(*e*) in the purchase of such marketable securities and on such terms as the Commission may approve.

Rev. Stat., c. 62, s. 96, subs. 1 (1944, c. 46, s. 6, subs. 1). subs. 3, re-enacted.

15. Subsection 1 of section 96 of *The Power Commission Act* as re-enated by subsection 1 of section 6 of *The Power Commission Amendment Act, 1944*, and subsection 3 of the said section 96 are repealed and the following substituted therefor:

When accounts of a corporation show a surplus.

(1) Whenever it appears from the accounts of a municipal corporation or municipal commission receiving electrical power or energy from the Commission for distribution that there is a surplus of revenue derived from or pertaining to an electric utility over the expenses thereof after providing for any payments required to be made on account of principal or interest of any debentures issued for the construction and equipment of works for the production, development, distribution or sale of electrical power or energy, and for such depreciation and other reserves as the Commission may deem proper, such surplus shall be applied and disposed of in such manner as the Commission may by general regulation or special order direct,—

In repayment to customers.

(*a*) in repaying to persons to whom electrical power or energy is being supplied by such municipal corporation or municipal commission moneys paid by them for electrical power or energy so supplied, such repayment being made either directly or by a credit on or reduction in bills for electrical power or energy; or

To general purposes of municipal corporation.

(*b*) to the extent to which such surplus is derived from the supply of electrical power or energy for the lighting of the streets of the municipality or for the operation of any street railway or electric railway or any public utility of the corporation other than an electric utility by payment over of such surplus or of such portion thereof as the Commission may deem proper, to the treasurer of the municipality to be applied to the general purpose of the corporation.

. . . . . .

Liability for misapplication of funds.

(3) Any member of the council of a municipal corporation and any member of a municipal commission where such municipal corporation or municipal commission is receiving electrical power or energy from the Commission for distribution by an electric utility, who is in any manner a party to any disposition or application of a surplus referred to in subsection 1 other than that directed by the Commission, or to any disposition, use, application or dealing with funds pertaining to such electric utility in any manner prohibited by this Act or any other Act shall forfeit his office and proceedings may thereupon be taken against him as provided in *The Municipal Act* in the case of a member of a municipal council who has become disqualified, and the Commission may take the same proceedings in respect thereof as might be taken by a ratepayer of such municipality.

Rev. Stat., c. 266.

Rev. Stat., c. 62, s. 104, subs. 2, re-enacted.

16.—(1) Subsection 2 of section 104 of *The Power Commission Act* is repealed and the following substituted therefor:

Municipal commission,—how composed in city of 60,000 or over.

(2) Notwithstanding anything contained in *An Act respecting the City of Toronto*, passed in the first year of the reign of His Late Majesty King George the Fifth, chaptered 119, in a city having a population of sixty thousand or over according to the last enumeration of the assessor, the corporation of which has entered into a contract with the Commission under this Act, the commission to be established for the control and management of the construction, operation and maintenance of all works undertaken by the corporation for the distribution and supply of electrical power or energy shall consist of three members, one of whom shall be the mayor of the city, one of whom shall be appointed by the municipal council of the city for two years and until his successor is appointed, and the third of whom shall be appointed by the Commission for two years and shall be eligible for re-appointment from time to time.

Subs. 1 retroactive.

(2) Subsection 1 shall have effect from the 1st day of June, 1944, and all members of any such commission appointed by the Commission shall be deemed to have been appointed on the said 1st day of June, 1944, so far as their term of office is concerned.

Rev. Stat., c. 62, s. 105, repealed.

17. Section 105 of *The Power Commission Act* as amended by subsection 3 of section 19 of *The Statute Law Amendment Act, 1938*, is repealed.

Rev. Stat., c. 62, Schedule A, re-enacted.

18. Schedule A to *The Power Commission Act* is repealed and the following substituted therefor:

Schedule A

During year ending 31st October,	1946	$2,879,705.62
	1947	3,207,339.80
	1948	14,895,628.15
	1949	2,735,982.87
	1950	2,779,563.88
	1951	1,726,950.87
	1952	10,483,973.05
	1953	1,806,559.11
	1954	1,849,376.08
	1955	1,893,327.08
	1956	1,939,621.95
	1957	1,796,447.07
	1958	1,610,130.67
	1959	14,745,686.58
	1960	1,341,659.01
	1961	15,492,724.75
	1962	1,457,165.95
	1963	1,519,463.70
	1964	1,583,069.40
	1965	1,649,394.10
	1966	1,718,816.64
	1967	1,403,485.50
	1968	1,462,764.52
	1969	1,060,733.64
	1970	1,106,410.72
	1971	701,051.95
Outstanding Unmatured Provincial Advances as at 31st October, 1945.		$94,847,032.76

Short title.

19. This Act may be cited as *The Power Commission Amendment Act, 1946.*

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